

# Product Datasheet

## Recombinant Duck, Chicken, Turkey IGF-II/IGF2 Protein NBP3-57415-100ug

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-57415-100ug**

Recombinant Duck, Chicken, Turkey IGF-II/IGF2 Protein

| Product Information         |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Unit Size                   | 100 ug                                                         |
| Concentration               | Lyoph                                                          |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                       |
| Preservative                | 10% Trehalose                                                  |
| Reconstitution Instructions | Reconstitute in sterile PBS with at least 0.1% carrier protein |
| Purity                      | >98%, by SDS-PAGE                                              |
| Buffer                      | Lyophilized in 1-5X PBS containing 10% Trehalose               |
| Target Molecular Weight     | 7.5 kDa                                                        |

| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | <p>A recombinant protein corresponding to 67 aa of Chicken,Duck,Turkey IGF-II/IGF2.</p> <p><b>Source:</b> Yeast</p> <p><b>Amino Acid Sequence:</b> YGTAETLCGG ELVDTLQFVC GDRGFYFSRP VGRNNRRINR GIVEECCFRS CDLALLETYC AKSVKSE (67)</p> <p>Stable for up to 12 months from date of receipt at -20C. Stable for 3 months when stored in working aliquots with a carrier protein at -20C. Avoid repeated freeze/thaw cycles.</p> |
| Gene ID             | 3481                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol         | IGF2                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species             | Duck, Chicken, Turkey                                                                                                                                                                                                                                                                                                                                                                                                        |



|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity Notes</b>            | Species with 100% Homology:<br/>Anas platyrhynchos (mallard)<br/>Acanthisitta chloris (rifleman)<br/>Amazona aestiva (blue-fronted amazon)<br/>Aptenodytes forsteri (emperor penguin)<br/>Balearica regulorum gibbericeps (East African grey crowned-crane)<br/>Calidris pugnax (ruff)<br/>Calypte anna (Anna's hummingbird)<br/>Chaetura pelagica (chimney swift)<br/>Charadrius vociferus (killdeer)<br/>Colius striatus (speckled mousebird)<br/>Columba livia (rock pigeon)<br/>Corvus brachyrhynchos (American crow)<br/>Coturnix japonica (Japanese quail)<br/>Cuculus canorus (common cuckoo)<br/>Falco cherrug (Saker falcon)<br/>Falco peregrinus (peregrine falcon)<br/>Geospiza fortis (medium ground-finch)<br/>Haliaeetus leucocephalus (bald eagle)<br/>Herpetotheres cachinnans (Laughing Falcon)<br/>Leiothrix lutea (red-billed leiothrix)<br/>Lepidothrix coronata (blue-crowned manakin)<br/>Manacus vitellinus (golden-collared manakin)<br/>Melopsittacus undulatus (budgerigar)<br/>Merops nubicus (carmine bee-eater)<br/>Mesitornis unicolor (brown roatelo)<br/>Nestor notabilis (Kea)<br/>Nipponia nippon (crested ibis)<br/>Piaya cayana (squirrel cuckoo)<br/>Picoides pubescens (downy woodpecker)<br/>Piprites chloris (white-winged piprites)<br/>Pseudopodoces humilis (Tibetan ground-tit)<br/>Ptilonorhynchus violaceus (satin bowerbird)<br/>Pygoscelis adeliae (Adelie penguin)<br/>Semnornis frantzii (Prong-billed barbet)<br/>Serinus canaria (common canary)<br/>Sinosuthora webbiana (Vinous-throated Parrotbill)<br/>Sturnus vulgaris (common starling)<br/>Thalassarche chlororhynchos (Atlantic yellow-nosed albatross)<br/>Tinamus guttatus (white-throated tinamou)<br/>Trogon melanurus (black-tailed trogon)<br/>Zonotrichia albicollis (white-throated sparrow) |
| <b>Endotoxin Note</b>              | No affinity tags & naturally endotoxin-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | Western Blot, Cell Culture, ELISA Standard (Matched Pair), Enzyme-linked Immunosorbent Spot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Recommended Dilutions</b>       | Western Blot, Enzyme-linked Immunosorbent Spot ELISPOT, ELISA Standard (Matched Pair) ELISA(Sta), Cell Culture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 1 year from date of receipt.

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