

# Product Datasheet

## Recombinant Bovine IL-12 p70/IL-12A Protein NBP3-57564-25ug

Unit Size: 25 ug

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

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**NBP3-57564-25ug****Recombinant Bovine IL-12 p70/IL-12A Protein**

| Product Information         |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Unit Size                   | 25 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     | 57.6 kDa                                                       |

| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | <p>A recombinant protein corresponding to 196 aa of Bovine IL-12 p70/IL-12A.</p> <p><b>Source:</b> Yeast</p> <p><b>Amino Acid Sequence:</b> MWELEKNVYV VELDWYPDAP GETVVLTCDT PEEDGITWTS DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEALSRSLL LLHKKEDGIW STDILKDQKE PKAKSFLKCE AKDYSGHFTC WWLTAISTDL KFSVKSSRGS SDPRGVTCGA ALLSAEKVSL EHREYNKYTV ECQEGSACPA AEESLLIEVV VEAVHKLKYE NYTSSFFIRD IIKPDPPKNL QLRPLKNSRQ VEVSWEYPDT WSTPHSYFSL TFCVQVQGKN KREKKLFMDQ TSAKVTCHKD ANVRVQARDR YYSSFWSEWA SVSCS (305) **LINKER** RSLPTTTASP GRSCLDYSQN LLRAVSNTLQ KARQTLEFYS CTSEEIDHED ITKDKTSTVE ACLPLELATN ESCLASRETS FITNGHCLAS GKTSFMTTLC LRSIYEDLKM YHVEFQAMNA KLLMDPKRQI FLDQNMLAAI AELMQALNFD SETVPQKPSL KELDFYKTKV KLCILLHAFR IRAVTIDRMM SYLSSS (196)</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             | 3592                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol         | IL12A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species             | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Endotoxin Note      | No affinity tags & naturally endotoxin-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Product Application Details |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Cell Culture, ELISA Standard (Matched Pair), Enzyme-linked Immunosorbent Spot                    |
| Recommended Dilutions       | 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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