

Product Datasheet

Recombinant eGFP Protein

NBP2-34923-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-34923-10ug

Recombinant eGFP Protein

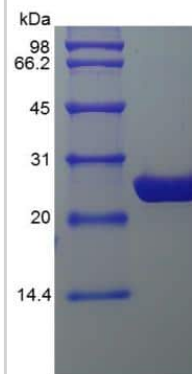
| Product Information | |
|-----------------------------|---|
| Unit Size | 10ug |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | No Preservative |
| Reconstitution Instructions | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. |
| Purity | >95%, by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. |
| Target Molecular Weight | 26.9 kDa |

| Product Description | |
|---------------------|---|
| Description | <p>A single non-glycosylated polypeptide chain containing 239 amino acids corresponding to eGFP Source: <i>E. coli</i></p> <p>Uniprot ID: <i>P42212</i></p> <p>Amino Acid Sequence: <i>MVSKGEELFT GVPILVELD GDVNGHKFSV SGEGEGDATY GKLT LKFICT TGKLPVPWPT LVTTLLTYGVQ CFSRYPDHMK QHDFFKSAMP EGYVQERTIF FKDDGNYKTR AEVKFEGDTL VNRIELKGID FKEDGNILGH KLEYNYN SHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALSK DPNEKRDH MV LLEFVTAAGI TLGMDELYK</i></p> |
| Endotoxin Note | Less than 1 EU/ug of eGFP as determined by LAL method. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, SDS-Page |
| Recommended Dilutions | Western Blot, SDS-Page |
| Application Notes | Use in WB reported in scientific literature (PMID:10.1007/s00299-021-02700-w) |

Images

SDS-Page: Human GFP Protein [NBP2-34923] - GFP Protein [NBP2-34923]



Publications

Nakazato Y, Otaki JM Protein Delivery to Insect Epithelial Cells In Vivo: Potential Application to Functional Molecular Analysis of Proteins in Butterfly Wing Development Biotech (Basel (Switzerland)) 2023-04-16 [PMID: 37092472]

Simoes V, Cizubu BK, Harley L et al. Redox-sensitive E2 Rad6 controls cellular response to oxidative stress via K63-linked ubiquitination of ribosomes Cell reports 2022-05-24 [PMID: 35613580] (WB)

Acanda Y, Welker S, Orbovic V, Levy A A simple and efficient agroinfiltration method for transient gene expression in Citrus Plant cell reports 2021-05-04 [PMID: 33948685] (WB)

Yung-Hen Hsu, Chang-Tun Lin, Yi-Hsun Yu. Dual delivery of active antibactericidal agents and bone morphogenetic protein at sustainable high concentrations using biodegradable sheath-core-structured drug-eluting nanofibers. Int J Nanomedicine 2016-08-17 [PMID: 27574423]





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| | |
|------------|--|
| NBP1-99915 | Recombinant eGFP His (N-Term) His (C-Term) Protein |
| NBP2-59183 | eGFP Antibody - BSA Free |

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