

Product Datasheet

Recombinant Human IL-3 Protein NBP2-34863-100ug

Unit Size: 100 ug

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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NBP2-34863-100ug

Recombinant Human IL-3 Protein

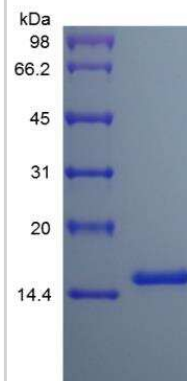
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	15 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 133 amino acids corresponding to IL-3 Source: <i>E. coli</i> Uniprot ID: <i>P08700</i> Amino Acid Sequence: <i>APMTQTTSLK TSWVNCSNMI DEIITHLKQP PLPLLDFFNNL NGEDQDILME NNLRRPNLEA FNRAVKSLQN ASAIESILKN LLPCLPLATA APTRHPIHIK DGDWNEFRRK LTFYFKTLEN AQAQQTLSL AIF</i>
Gene ID	3562
Gene Symbol	IL3
Species	Human
Details of Functionality	IL3 Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁷ IU/mg.
Endotoxin Note	Less than 1 EU/ug of IL-3 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human IL-3 Protein [NBP2-34863]



Publications

Roman-Rodriguez FJ, Ugalde L, Alvarez L et al. NHEJ-Mediated Repair of CRISPR-Cas9-Induced DNA Breaks Efficiently Corrects Mutations in HSPCs from Patients with Fanconi Anemia Cell Stem Cell 2019-09-17 [PMID: 31543367]





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Products Related to NBP2-34863-100ug

NBP2-35123-10ug	Recombinant Mouse IL-3 Protein
210-TA-005	TNF-alpha [Unconjugated]
203-IL-010	IL-3 [Unconjugated]
M6000B-1	IL-6 [HRP]

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 3 months from date of receipt.

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