

Product Datasheet

Recombinant Human IL-15 Protein NBP2-35020-100ug

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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Publications: 1

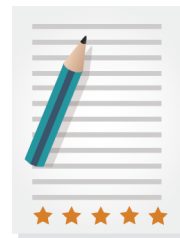
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NBP2-35020-100ug

Recombinant Human IL-15 Protein

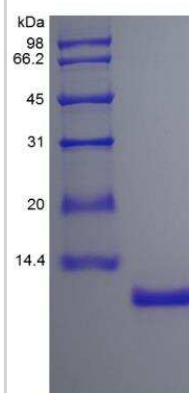
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	12.9 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 114 amino acids corresponding to IL-15 Source: <i>E. coli</i> Uniprot ID: <i>P40933</i> Amino Acid Sequence: <i>NWVNVISDLK KIEDLIQSMH IDATLYTESD VHPSCCKVTAM KCFLLELQVI SLESGDASIH DTVENLILA NNSLSSNGNV TESGCKECEEE LEEKNIKEFL QSFVHIVQMF INTS</i>
Gene ID	3600
Gene Symbol	IL15
Species	Human
Details of Functionality	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is 0.300-2.60 ng/mL. The specific activity of recombinant human IL-15 is greater or equal to 1.50×10^8 units/mg
Endotoxin Note	Less than 1 EU/ug of IL-15 as determined by LAL method.

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

Images

SDS-Page: Human IL-15 Protein [NBP2-35020]



Publications

Huang B, Liu R, Wang P et al. CD8+CD57+ T cells exhibit distinct features in human non-small cell lung cancer J Immunother Cancer 2020-06-01 [PMID: 32606053]





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Products Related to NBP2-35020-100ug

NBP3-18179	Recombinant Human, Mouse IL-15 Fc, Mutant Protein [Biotin]
210-TA-005	TNF-alpha [Unconjugated]
247-ILB-005	IL-15 [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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