

Product Datasheet

Recombinant Human IL-2 [Cys Ser125]Protein NBP3-07100-100ug

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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NBP3-07100-100ug

Recombinant Human IL-2 [Cys Ser125]Protein

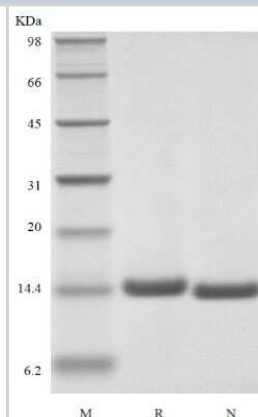
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to 0.1-1.0 mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 mm filtered concentrated solution in 20 mM PB (pH 3.5).
Target Molecular Weight	15.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 133 amino acids corresponding to IL-2 Source: <i>E. coli</i> Amino Acid Sequence: <i>MPTSSSTKKT QLQLEHLLLD LQMILNGINN YKNPKLTRML TFKFYMPKKA TELKHLQCLE EELKPLEEVL NLAQSKNFHL RPRDLISNIN VIVLELKGSE TTFMCEYADE TATIVEFLNR WITFSQSIIS TLT</i>
Gene ID	3558
Gene Symbol	IL2
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine CTLL-2 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 1.0 EU/ug of IL-2 as determined by LAL method.

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

Images

SDS-Page: Recombinant Human IL-2 [Cys Ser125]Protein [NBP3-07100] - Western blot under reducing and non-reducing conditions





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Products Related to NBP3-07100-100ug

NBP2-35054-10ug	Recombinant Human IL-2 Protein
210-TA-005	TNF-alpha [Unconjugated]
202-IL-010	IL-2 [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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