

Product Datasheet

Recombinant Rat IL-2 Protein NBP2-35230-5ug

Unit Size: 5ug

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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NBP2-35230-5ug

Recombinant Rat IL-2 Protein

Product Information	
Unit Size	5ug
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 sterile solution in 10 mM sodium citrate, pH 4.0.
Target Molecular Weight	15.5 kDa

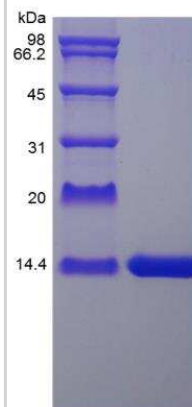
Product Description	
Description	A single non-glycosylated polypeptide chain containing 135 amino acids corresponding to IL-2 Source: <i>E. coli</i> Uniprot ID: <i>P17108</i> Amino Acid Sequence: <i>APTSSPAKET QQHLEQLLLD LQVLLRGIDN YKNLKLPMML TFKFYLPKQA TELKHLQCLE NELGALQRVL DLTQSKSFHL EDAGNFISNI RVTVVVKLKGS ENKFECQFDD EPATVVEFLR RWIAICQSII STMTQ</i>
Gene ID	3558
Gene Symbol	IL2
Species	Rat
Details of Functionality	IL2 Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine CTLL-2 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁶ IU/mg.
Endotoxin Note	Less than 1 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: Rat IL-2 Protein [NBP2-35230]





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Products Related to NBP2-35230-5ug

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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