

Product Datasheet

Recombinant Mouse IL-21 Protein NBP2-35121-100ug

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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NBP2-35121-100ug

Recombinant Mouse IL-21 Protein

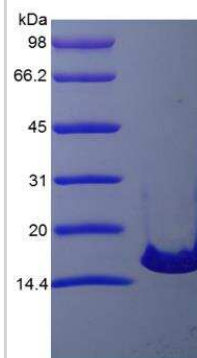
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 7.4.
Target Molecular Weight	15 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 129 amino acids corresponding to IL-21 Source: <i>E. coli</i> Uniprot ID: Q9ES17 Amino Acid Sequence: <i>HKSSPQGPDR LLIRLRHLID IVEQLKIYEN DLDPELLSAP QDVKGHCEHA AFACFQKAKL KPSNPGNNKT FIIDLVAQLR RRLPARRGGK KQKHIACPS CDSYEKRTPK EFLERLKWLL QKMIHQHLS</i>
Gene ID	59067
Gene Symbol	IL21
Species	Mouse
Details of Functionality	IL-21 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human N1186 T cells is less than 25 ng/ml, corresponding to a specific activity of > 4.0 x 10 ⁴ IU/mg
Endotoxin Note	Less than 0.1 EU/ug of IL-21 as determined by LAL method.

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

Images

SDS-Page: Mouse IL-21 Protein [NBP2-35121]





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Products Related to NBP2-35121-100ug

NBP2-35057-10ug	Recombinant Human IL-21 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF594	IL-21 Antibody [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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