

Product Datasheet

Recombinant Human IL-21 Protein NBP2-35057-10ug

Unit Size: 10 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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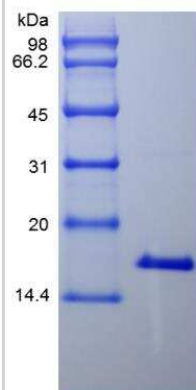
NBP2-35057-10ug

Recombinant Human IL-21 Protein

Product Information	
Unit Size	10 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	15.4 kDa
Product Description	
Description	A single non-glycosylated polypeptide chain containing 133 amino acids corresponding to IL-21 Source: <i>E. coli</i> Uniprot ID: Q9HBE4 Amino Acid Sequence: QGQDRHMIRM RQLIDIVDQL KNYVNDLVPE FLPAPEDVET NCEWSAFSCF QKAQLKSANT GNNERIINVS IKKLKRKPPS TNAGRRQKHR LTCPSCDSYE KKPPKEFLER FKSLLQKMIH QHLSSRTHGS EDS
Gene ID	59067
Gene Symbol	IL21
Species	Human
Details of Functionality	Fully biologically active when compared to standard. Measured by its ability to enhance IFN-gamma secretion in NK-92 human natural killer lymphoma cells. The ED50 for this effect is less than or equal to 2 ng/mL. The specific activity of recombinant human IL-21 > 5.0 x 10 ⁵ U/mg.
Endotoxin Note	Less than 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: Human IL-21 Protein [NBP2-35057]





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Products Related to NBP2-35057-10ug

NBP2-35241-10ug	Recombinant Rat 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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