

Product Datasheet

Recombinant Human IL-13 Protein NBP2-35018-10ug

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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Publications: 1

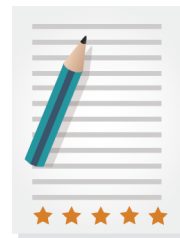
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NBP2-35018-10ug

Recombinant Human IL-13 Protein

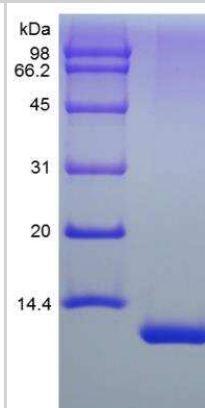
Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in 20 mM HCl 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	12.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 112 amino acids corresponding to IL-13 Source: <i>E. coli</i> Uniprot ID: P35225 Amino Acid Sequence: GPVPPSTALR ELIEELVNIT QNQQAPLCNG SMVWSINLTA GMYCAALES L INVSGCSAIE KTQRMLSGFC PHKVSAGQFS SLHVRDTKIE VAQFVKDLLL HLKCLFREGR FN
Gene ID	3596
Gene Symbol	IL13
Species	Human
Details of Functionality	IL-13 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁶ IU/mg
Endotoxin Note	Less than 1 EU/ug of IL-13 as determined by LAL method.

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

Images

SDS-Page: Human IL-13 Protein [NBP2-35018]



Publications

Wenhua Yan, Tianhan Li, Tieying Yin, Zhengjun Hou, Kai Qu, Nan Wang, Colm Durkan, Lingqing Dong, Juhui Qiu, Hans Gregersen, Guixue Wang M2 macrophage-derived exosomes promote the c-KIT phenotype of vascular smooth muscle cells during vascular tissue repair after intravascular stent implantation Theranostics 2020-01-01 [PMID: 32929376]





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Products Related to NBP2-35018-10ug

NBP2-35103-1mg	Recombinant Mouse IL-13 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY413-05	IL-13 [Biotin]
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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