

Product Datasheet

Recombinant Mouse IL-13 Protein NBP2-35103-1mg

Unit Size: 1 mg

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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NBP2-35103-1mg

Recombinant Mouse IL-13 Protein

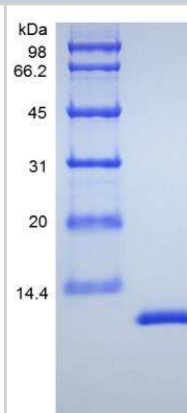
Product Information	
Unit Size	1 mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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 solution in PBS, pH 7.4.
Target Molecular Weight	12.3 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 111 amino acids corresponding to IL-13 Source: <i>E. coli</i> Uniprot ID: <i>P20109</i> Amino Acid Sequence: <i>MPVPRSVSLP LTLKELIEEL SNITQDQTPL CNGSMVWSVD LAAGGFCVAL DSLTNISNCN AIYRTQRILH GLCNRKAPTT VSSLPDTKIE VAHFITKLLS YTKQLFRHGP F</i>
Gene ID	3596
Gene Symbol	IL13
Species	Mouse
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 4 ng/ml, corresponding to a specific activity of > 2.5 x 10 ⁵ 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: Mouse IL-13 Protein [NBP2-35103]



Publications

Ai-Mei Zhang, Qian Shen, Min Li et al. Comparative studies of macrophage-biased responses in mice to infection with *Toxoplasma gondii* ToxoDB #9 strains of different virulence isolated from China. *Parasit Vectors* 2013-01-01 [PMID: 24499603]





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Products Related to NBP2-35103-1mg

NBP2-35018-10ug	Recombinant Human 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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