

Product Datasheet

Recombinant Human TSLP Protein NBP2-35083-10ug

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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NBP2-35083-10ug**Recombinant Human TSLP 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	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Target Molecular Weight	15.1 kDa

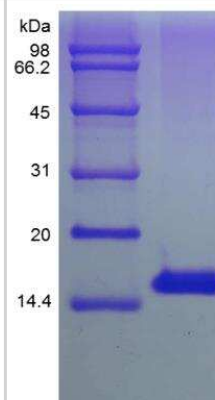
Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 132 amino acids corresponding to TSLP Source: <i>E. coli</i></p> <p>Uniprot ID: Q969D9</p> <p>Amino Acid Sequence: MYDFTNCD FE KIKAA YLSTI SKDLITYMSG TKSTEFNNTV SCSNRPHCLT EIQSLTFNPT AGCASLAKEM FAMKTKAALA IWCPGYSETQ INATQAMKKR RKRKVTTNKC LEQVSQLQGL WRRFNRPLLK QQ</p>
Gene ID	85480
Gene Symbol	TSLP
Species	Human
Details of Functionality	TSLP protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human IL-7R alpha and human TSLP R co-transfected murine BaF3 pro-B cells is less than 0.3 ng/ml, corresponding to a specific activity of > 3.3 x 10 ⁶ IU/mg
Endotoxin Note	Less than 1 EU/ug of TSLP as determined by LAL method.

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



Images

SDS-Page: Human TSLP Protein [NBP2-35083]



Publications

Luisa Canè, Remo Poto, Francesco Palestra, Ilaria Iacobucci, Marinella Pirozzi, Seetharaman Parashuraman, Anne Lise Ferrara, Amalia Illiano, Antonello La Rocca, Edoardo Mercadante, Piero Pucci, Gianni Marone, Giuseppe Spadaro, Stefania Loffredo, Maria Monti, Gilda Varricchi, Anagha Malur Thymic Stromal Lymphopoietin (TSLP) Is Cleaved by Human Mast Cell Tryptase and Chymase International Journal of Molecular Sciences 2024-04-05 [PMID: 38612858]

Marcella S, Petraroli A, Canè L et al. Thymic stromal lymphopoietin (TSLP) is a substrate for tryptase in patients with mastocytosis European Journal of Internal Medicine 2023-07-26 [PMID: 37500310]





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Products Related to NBP2-35083-10ug

NB110-55234PEP	TSLP Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
1398-TS-010	TSLP [Unconjugated]
M6000B-1	IL-6 [HRP]

Limitations

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