

Active Recombinant Human TSLP protein, His-tagged

Cat. No. TSLP-1389H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSLP protein is produced by HEK293 and the target gene encoding Tyr29-Gln159 is expressed with a 10His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Tyr 29 - Gln 159
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human TSLP, His Tag at 0.5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human TSLP Antibody, Human IgG2 with a linear range of 0.2-4 ng/mL.
Molecular Mass	The protein has a calculated MW of 16.8 kDa. The protein migrates as 8 kDa and 14-20 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at:

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-20 centigrade to -70 centigrade for 12 months in lyophilized state;
-70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TSLP thymic stromal lymphopoietin [Homo sapiens]

Official Symbol TSLP

Synonyms TSLP; thymic stromal lymphopoietin;

Gene ID 85480

mRNA Refseq NM_033035

Protein Refseq NP_149024

MIM 607003

UniProt ID Q969D9

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