Recombinant Human TSLP protein(R127A, R130S), hFc-tagged

Cat. No. TSLP-2335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSLP (NP_149024.1) (Met1-Gln159, R127A, R130S) was expressed in HEK293 with the fused Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln159, R127A, R130S
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Recombinant Human CRLF2 Protein (His Tag) at 2 μg/mL (100 μL/well) can bind Recombinant Human TSLP Protein (R127A, R130S, Fc Tag), the EC50 is 1.5-4.0 ng/mL.
Molecular Mass	The recombinant Human TSLP consists of 369 amino acids and predicts a molecular mass of 41.50 kDa. It migrates as an approximately 46.22 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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