

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gln159, R127A, R130S
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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