

Recombinant Human TSLP protein, His-Avi-tagged, Biotinylated

Cat. No. TSLP-3191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TSLP protein(Q969D9-1)(Tyr29-Gln159(R127A,R130A)), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr29-Gln159(R127A,R130A)
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human TSLP (R127A, R130A), His Tag at 1ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.7 kDa. Due to glycosylation, the protein migrates to 25-38 kDa based on Tris-Bis PAGE result.

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Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

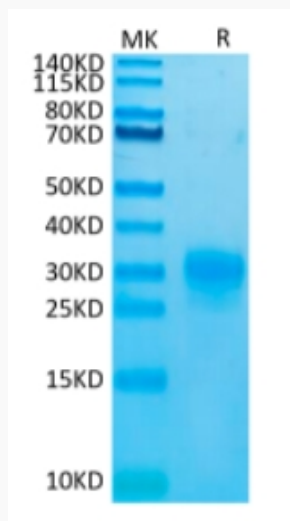
Gene Name	TSLP thymic stromal lymphopoietin [Homo sapiens]
Official Symbol	TSLP
Synonyms	TSLP; thymic stromal lymphopoietin;
Gene ID	85480
mRNA Refseq	NM_033035
Protein Refseq	NP_149024
MIM	607003
UniProt ID	Q969D9

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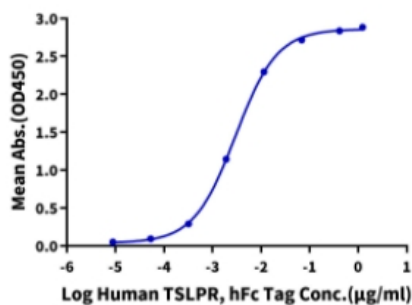
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Tris-Bis PAGE



ELISA Data

Biotinylated Human TSLP (R127A, R130A), His Tag ELISA
0.1 µg Biotinylated Human TSLP (R127A, R130A), His Tag Per Well



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