

Active Recombinant Human TSLP protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. TSLP-1391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TSLP protein(Q969D9-1)(29-159 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-159 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human TSLP, His Avi Tag at 1µg/ml(100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 3.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.8 kDa. Due to furin cleavage site, the protein migrates to 12 kDa and 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
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Reconstitution	Dissolve the lyophilized protein in distilled water.
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GENE INFORMATION

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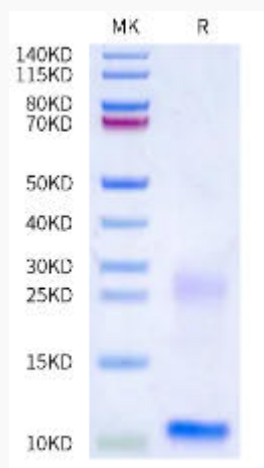
UniProt ID	Q969D9
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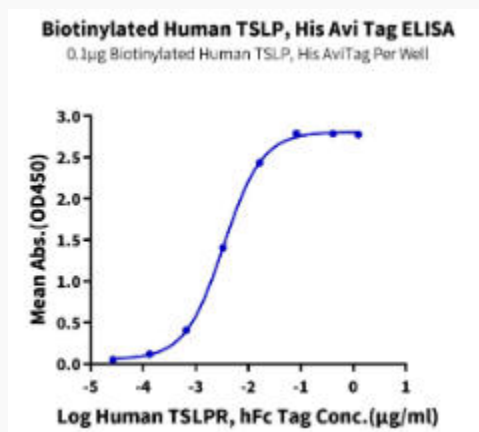
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Bis-Tris PAGE



ELISA Data



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