

Active Recombinant Human CRLF2 protein, hFc-tagged, Low Endotoxin

Cat. No. CRLF2-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRLF2 protein(Q9HC73-1)(25-231 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-231 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TSLP, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human TSLPR, hFc Tag with the EC50 of 27.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.8 kDa. Due to glycosylation, the protein migrates to 60-75 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
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CRLF2 cytokine receptor-like factor 2 [Homo sapiens]

Official Symbol CRLF2

Synonyms CRLF2; cytokine receptor-like factor 2; CRL2; TSLPR; IL-XR; TSLP receptor; P2RY8/CRLF2 fusion; cytokine receptor-like 2; cytokine receptor CRL2 precursor; thymic stromal lymphopoietin receptor; thymic stromal lymphopoietin protein receptor; thymic stromal-derived lymphopoietin receptor; CRLF2Y;

Gene ID 64109

mRNA Refseq NM_001012288

Protein Refseq NP_001012288

MIM 300357

UniProt ID Q9HC73

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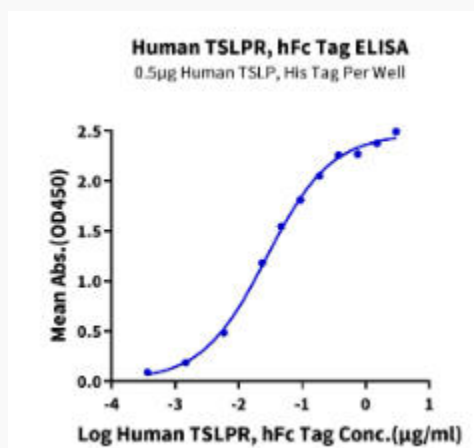
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Bis-Tris PAGE



ELISA Data



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