

Recombinant Human TSLPR Protein

Catalog No.: RP02623

Sequence Information

Species	Gene ID
Human	64109
Swiss Prot	Tags
Q9HC73-1	C-hFc

Synonyms

TSLP receptor; TSLPR; CRL2;
CRLF2Y; CRLF2; IL-XR; p2RY8
/CRLF2 fusion; CRLF2

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

50.8 kDa 60-75 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Thymic stromal lymphopoietin (TSLP) is an interleukin-7 (IL-7) like cytokine, which plays an important role in the regulation of immune responses to allergens. TSLP binds to a heterodimeric receptor complex composed of the IL-7 receptor alpha chain (IL-7Ralpha) and the TSLP receptor (TSLPR, also known as CRLF2).

Basic Information

Description

Recombinant Human TSLPR Protein is expressed from Expi293 with hFc tag at the C-terminal.; It contains Gly25-Lys231.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

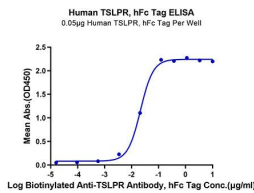
Contact

☎ | 400-999-6126

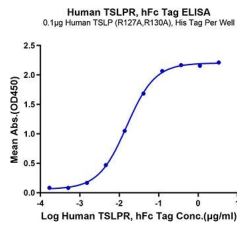
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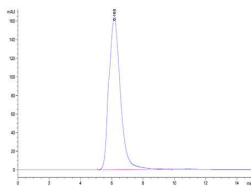
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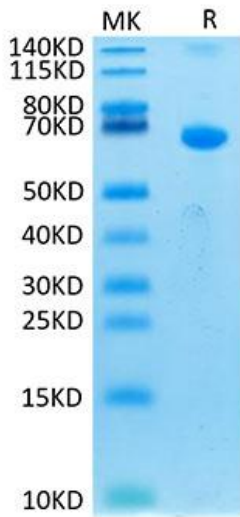
Immobilized Human TSLPR, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-TSLPR Antibody, hFc Tag with the EC₅₀ of 21.4 ng/ml determined by ELISA.



Immobilized Human TSLP (R127A, R130A) at 1µg/ml (100µl/Well). Dose response curve for Human TSLPR, hFc Tag with the EC₅₀ of 15.5ng/ml determined by ELISA.



The purity of Human TSLPR is greater than 95% as determined by SEC-HPLC.



Recombinant Human TSLPR Protein was determined by Tris-Bis PAGE under reducing conditions.