

Recombinant Human IL1RL1/ST2 Protein

Catalog No.: RP00271 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	9173	Q01638-2

Tags

C-His

Synonyms

IL1RL1;DER4;FIT-1;IL33R;ST2;ST2L;ST2V;T1

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
35.84 kDa	45-50 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial 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.

Contact

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Background

Basic Information

Description

Recombinant Human IL1RL1/ST2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys19-Phe328) of human ST2 (Accession #NP_003847.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL33 at 10 μg/mL (100 μL/well) can bind Recombinant Human ST2 with a linear range of 1.41-5.64 μg/mL.

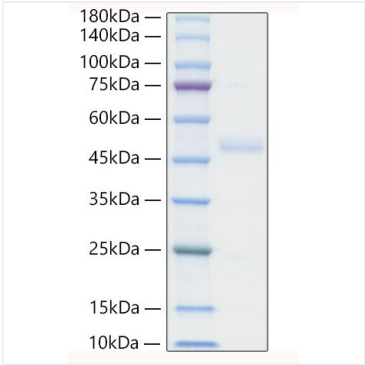
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

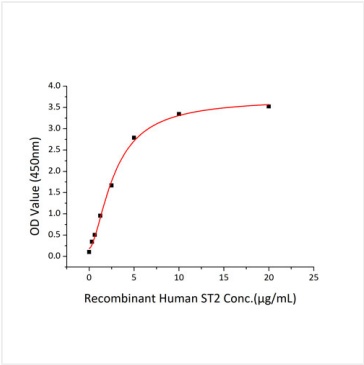
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human IL1RL1/ST2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human IL33, No Tag at 10µg/mL (100 µL/well) can bind Recombinant Human ST2,His Tag with a linear range of 1.41-5.64µg/mL.