

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;

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/ μ g 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 stablizer (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 $6\times His$ tag at the C-terminus.

Bio-Activity

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

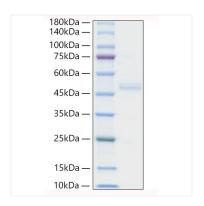
Storage

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

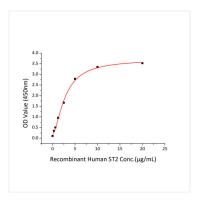
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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 10 μ g/mL (100 μ L/well) can bind Recombinant Human ST2,His Tag with a linear range of 1.41-5.64 μ g/mL.