

Recombinant Human IL1RL1/ST2 Protein (isoform a, His Tag)

RPES4651

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES4651

Purity: > 98 % as determined by reducing SDS-PAGE.

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: FIT, DER, IL1RL, IL-1 R, IL1RL1, DER4, FIT-1, IL33R, ST2, ST2L, ST2V, T1, IL-1 R4, DER-4, FIT 1, Growth stimulation expressed, Growth stimulation expressed gene 2, homolog of mouse growth stimulation-expressed, IL-1R4, ILRL1, Interleukin 1 receptor like 1, interleukin 1 receptor related protein, Interleukin-1 receptor-like 1, Protein ST2, T1 protein

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: Immobilized recombinant human IL33 at 10 µg/mL (100 µl/well) can bind biotinylated human IL1RL1 (isoform A) with a linear range of 0.032-8 µg/ml.

Calculated MW: 36.3 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: -

Reconstitution: Please refer to the printed manual for detailed information.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Accession: NP_057316.3

Source: HEK293 Cells-derived Human IL1RL1/ST2 protein Met 1-Ser 328, with an C-terminal His

Sequence: Met 1-Ser 328

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.