

# Recombinant Human IL1RL1/ST2 Protein (His Tag)

RPES2036

## Description

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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

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**SKU:** RPES2036

**Purity:** > 95 % 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 with a linear range of 0.16-8 µg/mL.

**Calculated MW:** 36.5 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:** 55-60 kDa

**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\_003847.2

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

**Sequence:** Met 1-Phe 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.