

Recombinant Mouse IL1RL1/ST2 Protein (Fc Tag)

RPES1227

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: RPES1227

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

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

Synonyms: STE, DER, Fit, Protein T, Protein ST, Lymphocyte antigen, Interleukin-1 receptor-like, suppression of tumorigenicity, IL1RL, IL-1 R, IL-1RL, DER4, Fit-1, IL-1 R4, IL-1RL1, IL-33R, Interleukin-1 receptor-like 1, Lymphocyte antigen 84, Protein ST2, Protein T1, ST2L, ST2V, suppression of tumorigenicity 2, Ly84, St2, Ste2, Il1rl1

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-Fc

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

Expression Host: HEK293 Cells

Bio-Activity: Immobilized Mouse IL-33(Cat: RPES1903) at 5µg/ml(100 µl/well) can bind Mouse ST2-Fc. The ED50 of Mouse ST2-Fc is 0.25ug/ml.

Calculated MW: 62.7 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 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: 90-110 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: P14719-2

Source: HEK293 Cells-derived Mouse IL1RL1/ST2 protein Ser27-Ala337(Val192Ala), with an C-terminal Fc

Sequence: Ser27-Ala337(Val192Ala)

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.