

Recombinant Mouse IL1R1/CD121a Protein (Fc Tag)

RPES4395

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: RPES4395

Purity: > 92 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Mouse

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

Synonyms: D2S, Interleukin-1 receptor type, IL1-R, mL-1R, CD121 antigen-like family member A, CD121a, CD121b, D2S1473, IL-1 RI, IL1R, IL1r-1, IL1-R1, IL-1R-1, IL-1R-alpha, IL-1RT1, IL-1RT-1, IL-iR, Interleukin-1 receptor alpha, Interleukin-1 receptor type 1, mL-1R1, P80, IL-1r1, IL1ra, IL1r1, IL-1R type I, IL1R, Interleukin 1 receptor, interleukin 1 receptor type 1, mL-1R1, type I

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-hFc

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

Expression Host: HEK293 Cells

Bio-Activity: Immobilized recombinant human IL1b at 10 µg/mL (100 µl/well) can mouse IL1R1-Fc with a linear range of 62. 5-1000 ng/mL.

Calculated MW: 64.3 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: 70 kDa

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

Accession: P13504

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

Source: HEK293 Cells-derived Mouse IL1R1/CD121a protein Met 1-Lys 338, with an C-terminal hFc

Sequence: Met 1-Lys 338

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

Form: Lyophilized powder