

Recombinant Mouse IL-36RA protein(His Tag)

RPES6705

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: RPES6705

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

Contents: 100µg, 20µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Synonyms: EBI, Interleukin, Il1f, Il1h, Il1hy, EBI3, EBV-induced gene 3 protein, Epstein-Barr virus-induced gene 3 protein, IL-27-A, IL-27B, IL-30, Interleukin-27 subunit alpha, Interleukin-27 subunit beta, Interleukin-30, p28, Fil1d, Il1f5, Il1h3, Il1hy1, IL36RN

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: E.coli

Bio-Activity: Measure by its ability to inhibit IL-36 gamma-induced IL-6 secretion in 3T3 cells. The ED50 for this effect is <2 µg/mL.

Calculated MW: 17.8 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: 17-25 kDa

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

Accession: Q9QYY1

Source: E.coli-derived Mouse IL-36RA protein Met 2-Asp 156, with an C-terminal His

Sequence: Met 2-Asp 156

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.