

Recombinant Human IL15RA&IL15 Fusion Protein (Fc Tag)

RPES1113

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: RPES1113

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

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

Concentration: -

Species: Human

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

Synonyms: MGC, IL15RA, CD215, alpha, CD215 antigen, IL-15 receptor subunit alpha, IL-15RA, IL-15R-alpha, interleukin 15 receptor, interleukin-15 receptor subunit alpha, MGC104179, AA690181, I15RA, IL 15R alpha, Interleukin 15 receptor alpha, Interleukin 15 receptor subunit alpha, sIL-15 receptor subunit alpha, sIL-15RA, sIL-15R-alpha, Soluble interleukin 15 receptor subunit alpha, Soluble interleukin-15 receptor subunit alpha

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: Measured in a cell proliferation assay using CTLL- 2 mouse cytotoxic T cells. The ED 50 for this effect is 5-20 ng/ml.

Calculated MW: 46.9 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 8% Trehalose, 4% Mannitol, 0.02% Tween 80 (w/v), pH 7.5. 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.

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

Observed MW: 50-60 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured in a cell proliferation assay using CTLL- 2 mouse cytotoxic T cells. The ED50 for this effect is 5-20 ng/ml.

Accession: Q13261&P40933

Source: HEK293 Cells-derived Human IL15RA&IL15 Fusion protein Ile31-Asp96&Asn49- Ser162(Asn120Asp), with an C-terminal Fc

Sequence: Ile31-Asp96&Asn49-Ser162(Asn120Asp)

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.