

Recombinant Mouse IL-5RA/IL-5 Ra Protein (Baculovirus, His Tag)

RPES2391

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: RPES2391

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

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

Concentration: -

Species: Mouse

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

Synonyms: CD125, IL-5 receptor subunit alpha, IL-5R subunit alpha, IL-5RA, IL-5R-alpha, Interleukin-5 receptor subunit alpha, Il5r, Il5ra, CDw125, IL-5R&, alpha, Il5r

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: Baculovirus-Insect Cells

Bio-Activity: Immobilized mouse IL5Ra-His at 10µg/mL (100µL/well) can bind biotinylated mouse IL5-His, the EC50 of biotinylated mouse IL5-His is 30-100ng/mL.

Calculated MW: 36.8 kDa

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, 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: 45 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: P21183

Source: Baculovirus-Insect Cells-derived
Mouse IL-5RA/IL-5 protein Met1-Val328,
with an C- terminal His

Sequence: Met1-Val328

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.