

Recombinant Mouse IL12RB2/IL12R-beta 2 Protein (His Tag)

RPES3806

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: RPES3806

Purity: > 97 % 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: IL-12 receptor beta 2, IL-12 receptor subunit beta-2, IL-12R subunit beta-2, IL-12R-beta-2, IL-12RB2, IL12RB2, interleukin-12 receptor beta-2 chain, interleukin-12 receptor subunit beta-2

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: HEK293 Cells

Bio-Activity: Measured by its ability to bind Mouse IL12A &IL12B Heterodimer Protein in a functional ELISA. Immobilized mouse IL12RB2-His at 10 µg/ml (100 µl/well) can bind Mouse IL12A &IL12B Heterodimer Protein. The EC50 of Mouse IL12A &IL12B Heterodimer Protein is 50.2-117.2 ng/ml.

Calculated MW: 70.0 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.

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

Observed MW: 120-130 kDa

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

Accession: NP_032380.1

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 IL12RB2/IL12R-beta protein Met 1-Asn 637, with an C- terminal His

Sequence: Met 1-Asn 637

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

Form: Lyophilized powder