

Recombinant Human IL4RA/CD124 Protein (His Tag)

RPES3538

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: RPES3538

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

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

Concentration: -

Species: Human

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

Synonyms: 582J, IL4R, CD124, IL-4RA, IL4RA, IL-4 receptor subunit alpha, IL-4-binding protein, IL4-BP, IL-4R subunit alpha, IL-4R-alpha, Interleukin-4 receptor subunit alpha, 582J2.1, IL-4R&, alpha, IL 4R alpha, IL4R nirs variant 1, IL4RA, Interleukin 4 receptor, Interleukin 4 receptor alpha chain, sIL4Ralpha/prot, Soluble IL-4 receptor subunit alpha, Soluble IL-4R-alpha, Soluble interleukin-4 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-His

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

Expression Host: HEK293 Cells

Bio-Activity: 1. Immobilized human IL4R-His at 10 µg/mL (100 µl/well) can bind biotinylated human IL4. The EC50 of biotinylated human IL4 is 20.8-48.5 ng/mL. 2. Measured by its ability to inhibit IL-4 dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is 4-20 ng/ml in the presence of 2 ng/ml IL-4.

Calculated MW: 25.3 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before

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

lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 43-48 kDa

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

Accession: NP_000409.1

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 Human IL4RA/CD124 protein Met 1-His 232, with an C-terminal His

Sequence: Met 1-His 232

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

Form: Lyophilized powder