

Recombinant Human IL6RA/CD126 Protein (His Tag)

RPES3581

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: RPES3581

Purity: > 90 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

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

Synonyms: Membrane glycoprotein, CD126, gp80, IL6Q, IL-6R, IL-6R 1, IL-6R subunit alpha, IL-6R-1, IL6RA, IL-6RA, IL-6R-Alpha, IL6RQ, Interleukin-6 receptor subunit alpha, Membrane glycoprotein 80, IL6R, IL-6R&, alpha, alpha, CD 126, CD126 antigen, IL 6R, IL 6R 1, IL 6R alpha, IL-6 receptor alpha chain, IL-6 receptor subunit alpha, IL-6R 1 Membrane glycoprotein 80 (gp80), Interleukin 6 receptor, MGC30256

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 recombinant human IL-6 at 8 µg/mL (100µl/well) can bind recombinant human IL6R with a linear range of 1. 25-20.0 ng/ml. 2. Measured by its ability to enhance the IL6 activity on M1 mouse myeloid leukemia cells. The ED50 for this effect is typically 20-80 ng/ml.

Calculated MW: 40 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: -

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

Accession: NP_000556.1

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 IL6RA/CD126 protein Met 1-Pro 365, with an C-terminal His

Sequence: Met 1-Pro 365

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

Form: Lyophilized powder