

Recombinant Human IL6ST/CD130 Protein (His &Fc Tag)

RPES4753

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: RPES4753

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

Contents: 100µg, 20µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

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

Synonyms: CDW, IL6ST, CD130, CDW130, GP130, IL-6RB, Interleukin 6 signal transducer, IR6RB, CD130 antigen, GP130 RAPS, IL 6R beta, IL-6 receptor subunit beta, IL6 ST, IL-6R subunit beta, IL6RB, IL-6R-beta, Interleukin 6 receptor subunit beta, Interleukin receptor beta chain, Interleukin-6 receptor subunit beta, Interleukin-6 signal transducer, Membrane glycoprotein 130, Membrane glycoprotein gp130, Oncostatin M receptor, Oncostatin M receptor alpha subunit, Oncostatin-M 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-Fc

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 inhibit the IL-6Ra enhancement of IL-6 activity on M1 mouse myeloid leukemia cell. The ED50 for this effect is typically 0.2-0.8 µg/mL in the presence of 50 ng/mL recombinant human IL-6sR and 100 ng/mL recombinant human IL-6.

Calculated MW: 96.0 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01%

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

Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 125-140 kDa

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

Accession: NP_002175.2

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 IL6ST/CD130 protein Met 1-Ile 618, with an C-terminal His & Fc

Sequence: Met 1-Ile 618

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

Form: Lyophilized powder