

Recombinant Human EPO Receptor/EPOR Protein (Fc Tag)

RPES1218

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: RPES1218

Purity: > 90 % 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: EPO-R

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-hFc

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

Expression Host: HEK293 Cells

Bio-Activity: 1. Immobilized CD131 at 10 µg/ml (100 µl/well) can bind biotinylated recombinant human EPOR with a linear range of 0.16-4 µg/ml. 2. Measured by its ability to inhibit Epo-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is 1-4 ng/ml in the presence of 0.1 U/mL Recombinant Human EPO.

Calculated MW: 51.0 kDa

Formulation: Lyophilized from sterile PBS, 8% sucrose, 0.5% Tween-20, 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: 55-60 kDa

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

Accession: NP_000112.1

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 EPO Receptor/EPOR protein Met-Pro 250, with an C- terminal hFc

Sequence: Met-Pro 250

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

Form: Lyophilized powder