

Recombinant Human EphB1/EPHT2 Protein (aa 1-540, His Tag)

RPES4457

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: RPES4457

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

Contents: 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

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

Synonyms: EHK-3, EHK3, EK11, EPH Homology Kinase 3, EPH-Like Kinase 11, EPHA7, Ephrin Type-A Receptor 7, HEK11, hEK11

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: Immobilized human EPHB1-His at 10 µg/ml (100 µl/well) can bind human EFNB1- Fc2h with a linear ranger of 3. 125-200 ng/mL. Immobilized human EPHB1-His at 10 µg/ml (100 µl/well) can bind human EFNB2-Fch with a linear ranger of 0.3125-20 ng/mL.

Calculated MW: 60.0 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4, 5% glycerol 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.

Observed MW: 60 kDa

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

Accession: P54762-1

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 EphB1/EPHT2 protein Met 1-Pro 540, with an C-terminal His

Sequence: Met 1-Pro 540

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

Form: Lyophilized powder