Recombinant Mouse KIRREL3/NEPH2 Protein (His Tag)

RPES2763

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: RPES2763

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

Species: Mouse

Synonyms: 1500010O20Rik, 2900036G11Rik, NEPH2, SST4, mKIAA1867

Tag: C-His

Expression Host: HEK293 Cells

Calculated MW: 57.5 kDa

Purity: > 96 % as determined by reducing SDS-PAGE.

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: Measured by the ability of the immobilized protein to support the adhesion of MS1 mouse pancreatic islet endothelial cells. When cells are added to mouse KIRREL3 coated plates (15 µg/mL, 100 µL/well), > 40% will adhere specifically after 90 minutes at 37 ℃.

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.

Observed MW: 65 kDa

Accession: Q8BR86-1

Source: HEK293 Cells-derived Mouse KIRREL3/NEPH2 protein Met 1-Ala 535, with an C- terminal His

Sequence: Met 1-Ala 535

Form: Lyophilized powder

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

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

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