

Recombinant Mouse EphA2 Protein (His Tag)

RPES2191

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: RPES2191

Purity: > 98 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Mouse

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

Synonyms: AW545284, Eck, Myk2, Sek-2, Sek2

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: Measured by its binding ability in a functional ELISA. 1. Immobilized mouse EphA2 at 2µg/ml (100 µl/well) can bind mouse EphrinA1 with a linear range of 0.16-20 ng/ml. 2. Immobilized mouse EphA2 at 2 µg/ml (100 µl/well) can bind human EphrinA1 with a linear range of 0.8-20 ng/ml.

Calculated MW: 58.0 kDa

Formulation: Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.5 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: 65 kDa

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

Accession: NP_034269.2

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 Mouse EphA2 protein Met 1-Asn 535, with an C-terminal His

Sequence: Met 1-Asn 535

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

Form: Lyophilized powder