Recombinant Mouse EphB2 Protein

Catalog No.: RP01191 **Recombinant**

Sequence Information

Species	**Gene ID**	**Swiss Prot**
Mouse	13844	P54763-3

Tags
C-hFc&His

Synonyms
CAPB;DRT;EK5;EPHT3;ERK;Hek5;PCBC;
Tyro5;Tyrosine-protein kinase receptor
EPH-3;Tyrosine-protein kinase receptor
SEK-3;EPHB2;CAPB;DRT;EK5;EPHT3;ER
K;Hek5;PCBC;Tyro5;Tyrosine-protein
kinase receptor EPH-3;Tyrosine-protein
kinase receptor SEK-3;EPHB2

Product Information

Source	**Purification**
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 0.1 EU/μg of the protein by LAL
method.

Formulation
Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4.Contact us for
customized product form or
formulation.

Reconstitution
Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid votex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein
or stablizer (e.g. 0.1% BSA, 5% HSA,
10% FBS or 5% Trehalose), and aliquot
the reconstituted protein solution to
minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Mouse EphB2 Protein is produced by HEK293 cells expression
system. The target protein is expressed with sequence (Met1-Lys540) of mouse
EphB2 (Accession #NP_034272.1) fused with a Fc, 6×His tag at the C-terminus.

Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Mouse EFNB2 at
1 μg/mL (100 μL/well) can bind Mouse EPHB2 with a linear range of 0.01-1.3
ng/mL.

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C
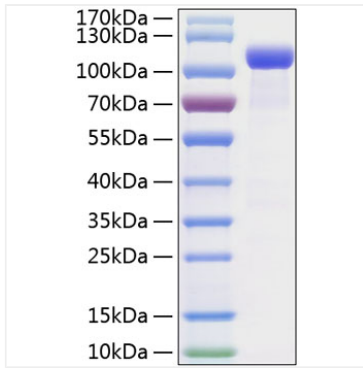for up to 1 week.
Avoid repeated freeze/thaw cycles.
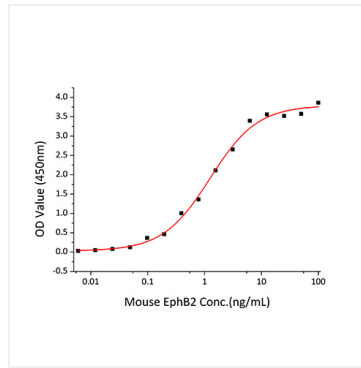
Contact

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Validation Data

Recombinant Mouse EphB2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-110 kDa.

Immobilized Recombinant Mouse EFNB2 at 1 μg/mL (100 μL/well) can bind Mouse EPHB2 with a linear range of 0.01-1.3 ng/mL.