

Recombinant Mouse EphB2 Protein

Catalog No.: RP01156

Sequence Information

Species **Gene ID**
Mouse 13844

Swiss Prot **Tags**
P54763-3 C-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,ERK,
Hek5,PCBC,Tyro5,Tyrosine-protein
kinase receptor EPH-3,Tyrosine-
protein kinase receptor SEK-3,
EPHB2

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
60.52 kDa 70-75 kDa

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 vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(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 6×His tag at the C-terminus.

Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Mouse EphB2 (Catalog: RP01156) at 2 μg/mL (100 μL/well) can bind Mouse Ephrin B2 with a linear range of 0.12-0.92 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

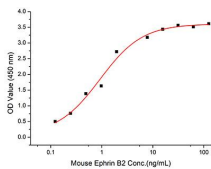
Contact

☎ | 400-999-6126

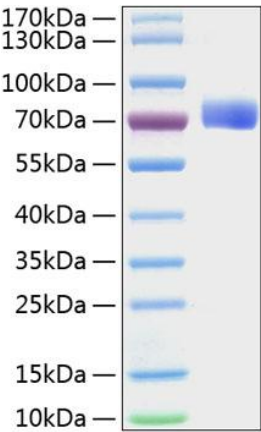
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Validation Data



Immobilized Mouse EphB2 (Catalog: RP01156) at 2 µg/mL (100 µL/well) can bind Mouse Ephrin B2 with a linear range of 0.12-0.92 ng/mL.



Recombinant Mouse EphB2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.