

Active Recombinant Mouse Ephb4 protein, His-tagged

Cat. No. Ephb4-4053M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ephb4 protein(P54761-1)(Met1-Ala539), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	54761-1;1-539 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ephrin B2hFc at 2 µg/ml (100 µl/well) can bind Mouse EphB4 His, the EC50 of Mouse EphB4 His is 3.5-20 ng/mL.
Molecular Mass	The secreted recombinant mouse EPHB4 comprises 535 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of rm EPHB4/His monomer is approximately 70 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Ala539

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ephb4 Eph receptor B4 [Mus musculus]
Official Symbol	Ephb4
Synonyms	EPHB4; Eph receptor B4; ephrin type-B receptor 4; mDK-2; tyrosine kinase MYK-1; developmental kinase 2; hepatoma transmembrane kinase; Htk; MDK2; Myk1; Tyro11; AI042935;
Gene ID	13846
mRNA Refseq	NM_001159571
Protein Refseq	NP_001153043

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