

Active Recombinant Mouse Epha7 protein, His-tagged

Cat. No. Epha7-915M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Epha7 protein(Q61772-1)(Met1-Ile556), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-556 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 EphA7 at 2 µg/ml (100 µl/well) can bind mouse EphrinA4 with a linear range of 0.08-10 ng/ml.
Molecular Mass	The secreted recombinant mouse EPHA7 consists of 537 amino acids and has a predicted molecular mass of 60.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEPA7 is approximately 70 kDa due to glycosylation.
Proteinlength	Met1-Ile556
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 97 % 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	Epha7 Eph receptor A7 [Mus musculus]
Official Symbol	Epha7
Synonyms	EPHA7; Eph receptor A7; ephrin type-A receptor 7; EHK-3; mDK-1; EPH homology kinase 3; developmental kinase 1; embryonic brain kinase; Ebk; Ehk3; Mdk1; Cek11; Hek11;
Gene ID	13841
mRNA Refseq	NM_001122889
Protein Refseq	NP_001116361

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