

Active Recombinant Mouse Epha1 protein, His-tagged

Cat. No. Epha1-6923M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Epha1 protein(Q60750)(Met1-Glu548), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu548
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.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse EPHA1-His at 10 µg/ml (100 µl/well) can bind mouse EFNA1-Fc, The EC50 of mouse EFNA1-Fc is 21.3-49.8 ng/ml.
Molecular Mass	The secreted recombinant mouse EPHA1 comprises 535 amino acids and has a calculated molecular mass of 58.6 kDa. As a result of glycosylation, the apparent molecular mass of rmEPA1 is approximately 68 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE

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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	Epha1 Eph receptor A1 [Mus musculus]
Official Symbol	Epha1
Synonyms	EPHA1; Eph receptor A1; ephrin type-A receptor 1; mEpha1; embryonic stem cell kinase; tyrosine-protein kinase receptor ESK; Eph; Esk; AL033318; 5730453L17Rik;
Gene ID	13835
mRNA Refseq	NM_023580
Protein Refseq	NP_076069

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