

Active Recombinant Mouse Epha6 protein, His-tagged

Cat. No. Epha6-2289M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Epha6 protein(NP_031964.2)(Met1-Gln546), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-546 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 recombinant mouse EphA6 at 2 µg/ml (100 µl/well) can bind recombinant human EphrinA3 at a linear range of 0.31-10 ng/ml.
Molecular Mass	The secreted recombinant mouse EphA6 comprises 530 amino acids and has a calculated molecular mass of 59.5 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Gln546

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
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	Epha6 Eph receptor A6 [<i>Mus musculus</i>]
Official Symbol	Epha6
Synonyms	EPHA6; Eph receptor A6; ephrin type-A receptor 6; EHK-2; EPH homology kinase 2; Ehk2; Hek12; m-ehk2;
Gene ID	13840
mRNA Refseq	NM_007938
Protein Refseq	NP_031964

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