Recombinant Mouse Epha2 protein(Met1-Asn535), His & Avi-tagged, Biotinylated

Cat. No. Epha2-915MB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse Epha2 protein(NP_034269.2) (Met1-Asn535) was expressed in HEK293 with a C-terminal polyhistidine tag followed by an AVI tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn535
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Human Ephrin-A1 / EFNA1 Protein (Fc Tag) at 2 μg/ml (100 μl/well) can bind Recombinant Mouse EphA2 Protein (ECD, His & AVI Tag), Biotinylated, the EC50 is 25-75 ng/mL.
Molecular Mass	The recombinant Mouse EphA2 consists of 538 amino acids and predicts a molecular mass of 60 kDa. It migrates as an approximately 64.21 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

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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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Epha2 Eph receptor A2 [Mus musculus]
Official Symbol	Epha2
Synonyms	EPHA2; Eph receptor A2; ephrin type-A receptor 2; epithelial cell kinase; tyrosine-protein kinase receptor ECK; tyrosine-protein kinase receptor MPK-5; tyrosine-protein kinase receptor SEK-2; Eck; Myk2; Sek2; Sek-2; AW545284;
Gene ID	13836
mRNA Refseq	NM_010139
Protein Refseq	NP_034269

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