

## Active Recombinant Mouse EphA2 protein

Cat. No. Epha2-1722M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse EphA2 protein(Met1-Asn535) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-535 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please 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.
<b>Bio-activity</b>	Immobilized Recombinant Mouse EphA2 Protein (ECD) at 2 µg/ml (100 µl/well) can bind Recombinant Human Ephrin-A1 / EFNA1 Protein (Fc Tag), The EC50 is 1.8-5.4 ng/mL.
<b>Molecular Mass</b>	The recombinant Mouse EphA2 consists of 516 amino acids and predicts a molecular mass of 57.03 kDa. It migrates as an approximately 61.90 kDa band in SDS-PAGE under reducing conditions.
<b>Proteinlength</b>	Met1-Asn535
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.

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<b>Purity</b>	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">Epha2 Eph receptor A2 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">EphA2</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">13836</a>
<b>mRNA Refseq</b>	<a href="#">NM_010139</a>
<b>Protein Refseq</b>	<a href="#">NP_034269</a>

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