

Active Recombinant Mouse EphA2 protein

Cat. No. EphA2-1722M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EphA2 protein(Met1-Asn535) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-535 a.a.
Form	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.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Met1-Asn535
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
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	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA