

Active Recombinant Mouse Efna2 protein, His-tagged

Cat. No. Efna2-4047M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efna2 protein(NP_031935.3)(Met1-Asn184), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn184
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	Immobilized Mouse Ephrin A2/EFNA2 His at 2 µg/ml (100 µl/well) can bind Mouse EphA4 hFc, the EC50 of Mouse EphA4 hFc is 60-200 ng/mL.
Molecular Mass	The recombinant mouse EFNA2 consists of 173 amino acids and has a predicted molecular mass of 20 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA2 is approximately 35-40 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE

 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

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 Efna2 ephrin A2 [Mus musculus]

Official Symbol Efna2

Synonyms EFNA2; ephrin A2; ephrin-A2; ephrin A6; CEK7-ligand; EPH related receptor tyrosine kinase ligand 6; EPH-related receptor tyrosine kinase ligand 6; Elf1; Epl6; CEK7L; Eplg6; Lerk6;

Gene ID 13637

mRNA Refseq NM_007909

Protein Refseq NP_031935

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