Recombinant Mouse Efna2 protein(Met1-Asn184)

Cat. No. Efna2-4048M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EFNA2 (NP_031935.3)(Met 1-Asn 184) was expressed and purified in HEK293, with additional seven amino acid (ALEVLFQ) at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-184 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind Mouse EphA4 hFc in functional ELISA.
Molecular Mass	The recombinant mouse EFNA2 consists of 169 amino acids and has a predicted molecular mass of 19.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA2 is approximately 28 kDa due to glycosylation.
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.

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

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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