

Active Recombinant Mouse Efnb2 protein, His-tagged

Cat. No. Efnb2-3315M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efnb2 protein(NP_034241.2)(Met1-Ala232), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala232
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 Ephrin B2 Protein, Mouse, Recombinant (His Tag) at 2 µg/mL (100 µL/well) can bind EphB4 Protein, Mouse, Recombinant (hFc Tag), the EC50 is 3-18 ng/mL.
Molecular Mass	The secreted recombinant mouse EFNB2 comprises 215 amino acids and has a predicted molecular mass of 23.5 kDa. As a result of glycosylation, the apparent molecular mass of rmEFNB2 is approximately 30-40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 95 % 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.
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	Efnb2 ephrin B2 [Mus musculus]
Official Symbol	Efnb2
Synonyms	EFNB2; ephrin B2; ephrin-B2; HTK ligand; EPH-related receptor tyrosine kinase ligand 5; Epl5; ELF-2; Eplg5; Htk-L; Lerk5; LERK-5; NLERK-1;
Gene ID	13642
mRNA Refseq	NM_010111
Protein Refseq	NP_034241

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