

Recombinant Mouse Efnb3 protein(Met1-Ala227), His-tagged

Cat. No. Efnb3-985M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efnb3 (NP_031937.1) (Met1-Ala227) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-227 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	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse EFNB3-His at 10µg/mL (100µL/well) can bind biotinylated mouse EPHB3-His, the EC50 of biotinylated mouse EPHB3-His 0.02-0.4 µg/mL.
Molecular Mass	The recombinant mouse Efnb3 consists 211 amino acids and predicts a molecular mass of 23.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
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

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

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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	Efnb3 ephrin B3 [Mus musculus]
Official Symbol	Efnb3
Synonyms	EFNB3; ephrin B3; ephrin-B3; Epl8; EFL-6; ELF-3; Elk-L3; LERK-8; NLERK-2;
Gene ID	13643
mRNA Refseq	NM_007911
Protein Refseq	NP_031937

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