

Active Recombinant Mouse Efnb3 protein, hFc-tagged

Cat. No. Efnb3-984M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efnb3 protein(NP_031937.1)(Met1-Ala227), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala227
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	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse EPHB3-His(Cat:50581-M08H) at 10µg/mL (100µL/well) can bind mouse EFNB3-Fc(Cat:51147-M02H), the EC50 of mouse EFNB3-Fc is 1-50 ng/mL.
Molecular Mass	The recombinant mouse Efnb3 consists 438 amino acids and predicts a molecular mass of 48.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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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 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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