

Active Recombinant Mouse Efnb2, Fc Chimera, Biotinylated

Cat. No. Efnb2-199M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efnb2 (Accession # AAA82934) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Arg27
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse EphB2 Fc Chimera at 2 µg/mL (100 µL/well) can bind Biotinylated Recombinant Mouse Ephrin-B2 Fc Chimera with a linear range of 0.039 - 2.5 ng/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Efnb2, Fc Chimera has a calculated MW of 49.6 kDa (monomer). In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Conjugation	Biotin
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GENE INFORMATION

Gene Name	Efnb2 ephrin B2 [Mus musculus]
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Official Symbol	Efnb2
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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;
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Gene ID	13642
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mRNA Refseq	NM_010111
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Protein Refseq	NP_034241
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MIM	
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