

Active Recombinant Human EFNB2 protein, Fc-tagged

Cat. No. EFNB2-1403H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNB2 protein(Ser25-Ala168), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-168 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5.
Bio-activity	Immobilized Nipah virus Glycoprotein, His Tag at 5 µg/mL (100 µL/well) can bind Human Ephrin-B2 Protein, Fc tag with a linear range of 0.1-2 ng/mL. Immobilized Hendra virus Glycoprotein, His Tag at 5 µg/mL (100 µL/well) can bind Human Ephrin-B2 Protein, Fc tag with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 42.8 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser25-Ala168
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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 [Homo sapiens]
Official Symbol	EFNB2
Synonyms	EFNB2; ephrin-B2; EPLG5; eph related receptor tyrosine kinase ligand 5; HTK ligand; Htk L; HTKL; LERK5; ligand of eph related kinase 5; MGC126226; MGC126227; MGC126228; LERK-5; ligand of eph-related kinase 5; eph-related receptor tyrosine kinase ligand 5; Htk-L;
Gene ID	1948
mRNA Refseq	NM_004093
Protein Refseq	NP_004084
MIM	600527
UniProt ID	P52799

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