Active Recombinant Human EFNB2 protein, His-tagged

Cat. No. EFNB2-2032H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNB2 protein(Ile28-Ala229), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-229 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human EFNB2 at 0.5 μg/mL (100 μL/well) can bind Human EPHB4 with a linear range of 6-400 pg/mL.
Molecular Mass	23.04 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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	in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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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