

Active Recombinant Human EFNB1 protein, His-tagged

Cat. No. EFNB1-2626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNB1 protein(Leu28-Gly232), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-232 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 EFNB1 at 0.5 µg/mL (100 µL/well) can bind Mouse EPHB3 with a linear range of 0.1-3.5 ng/mL.
Molecular Mass	23.24 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % 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 stabilizer (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

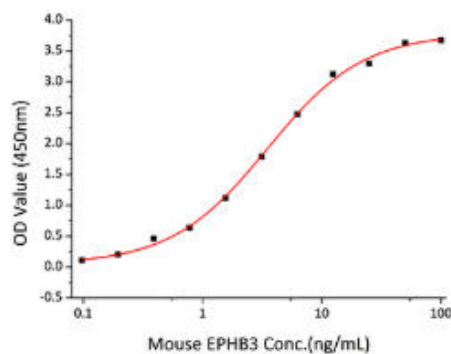
Gene Name	EFNB1 ephrin-B1 [Homo sapiens]
Official Symbol	EFNB1
Synonyms	EFNB1; ephrin-B1; CFNS, craniofrontonasal syndrome (craniofrontonasal dysplasia) , EPLG2; Elk L; LERK2; EFL-3; LERK-2; ELK ligand; ligand of eph-related kinase 2; eph-related receptor tyrosine kinase ligand 2; CFND; CFNS; EFL3; EPLG2; Elk-L; MGC8782;
Gene ID	1947
mRNA Refseq	NM_004429
Protein Refseq	NP_004420
MIM	300035
UniProt ID	P98172

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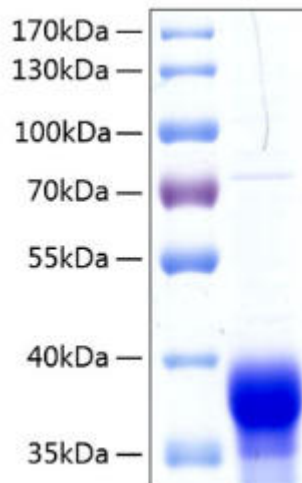
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Activity



SDS-PAGE



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