

## Active Recombinant Human EFNB1 protein, His-tagged

Cat. No. EFNB1-2238H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EFNB1 protein (NP_004420.1)(Met 1-Lys 237) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Lys 237
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized recombinant human EphrinB1 at 10 µg/ml (100 µl/well) can bind human EphB6 with a linear range of 0.16-4 µg/ml.
<b>Molecular Mass</b>	The recombinant human EFNB1 consists of 221 amino acids and predicts a molecular mass of 24.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EFNB1 is approximately 38 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**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** [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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