

Active Recombinant Human EFNB2 protein, His-tagged

Cat. No. EFNB2-2625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Ephrin-B2/EFNB2 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ile28-Ala229) of human Ephrin-B2/EFNB2 (Accession #NP_004084.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ile28-Ala229
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	30-40 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 90% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

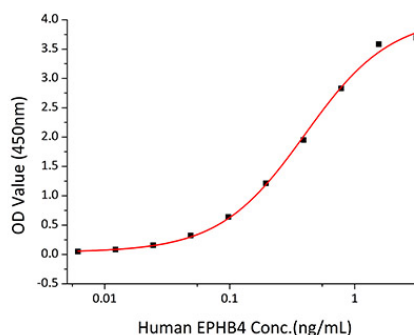
mRNA Refseq NM_004093

Protein Refseq NP_004084

MIM 600527

UniProt ID P52799

Bio-activity

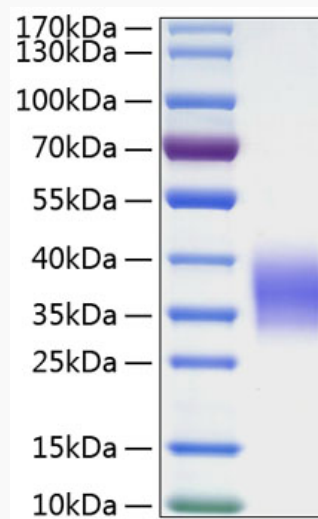


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SDS-PAGE



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