

Recombinant Human EFNB2 protein, hFc-tagged

Cat. No. EFNB2-8464H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNB2 protein(NP_004084.1)(Ile28-Ala229), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile28-Ala229
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human EPHB2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human Ephrin-B2, hFc Tag with the EC50 of 3.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 49 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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

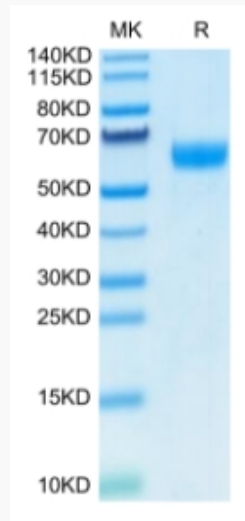
UniProt ID P52799

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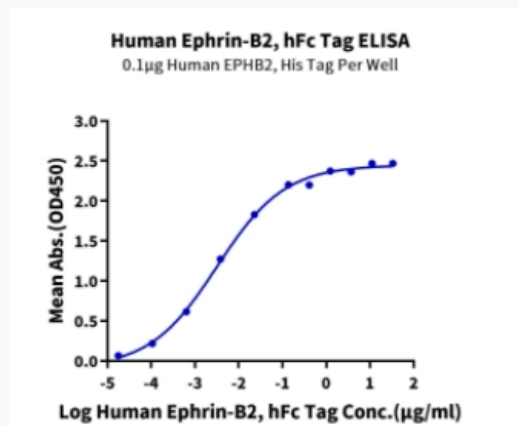
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Tris-Bis PAGE



ELISA Data



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