

Recombinant Full Length Human EFNB2 Protein, GST-tagged

Cat. No. EFNB2-4235HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EFNB2 full-length ORF (NP_004084.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
Description	This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]
Molecular Mass	63.3 kDa
AA Sequence	MAVRRDSVWKYCWGVLMVLCRTAISKIVLEPIYWNSSNSKFLPGQGLVLYPQIGDK LDIICPKVDSKTVGQYEEYKVMVDKQADRCTIKKENTPLLNCAKPDQDIKFTIKFQ EFSPNLWGLEFQKNKDYYIISTSNGLSLEGLDNQEGGVCQTRAMKILMKVGGDASSA GSTRNKDPTRRPELEAGTNGRSSTTSPFVKPNPGSSTDGNSAGHSGNNILGSEVAL FAGIASGCIIFIVIIITLVVLLLKYRRRRHRKHSPQHHTTTLSTLATPKRSGNNNGSEPSD

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IIIPLRTADSVFCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

P52799

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