

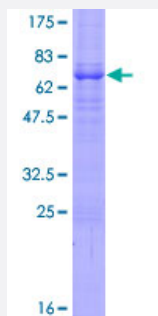
Full-Length

EFNB1 (Human) Recombinant Protein (P01)

Catalog # H00001947-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EFNB1 full-length ORF (NP_004420.1, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARPGQRWLKGKWL VAMVVWALCRLATPLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICP
RAEAGRPYEEYKLYLVRPEQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLEFKKHHD
YYTSTSNGLGLENREGGVCRTMTMKIMKVGQDPNAVTPPEQLTTSRPSKEADNTVKMATQAPG
SRGSLGSDGKHETVNQEEKSGPGASGGSSGDPDGGFFNSKVALFAAVGAGCVIFLLIIIFLTVLLL
KLRKRHRKHTQQRAAALSSTLASPKGGSGTAGTEPSDIIPLRTTENNYCPHYEKVSGDYGHPVYI
VQEMPPQSPANIYKV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.4

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — EFNB1

Entrez GeneID[1947](#)**GeneBank Accession#**[NM_004429.3](#)**Protein Accession#**[NP_004420.1](#)**Gene Name**

EFNB1

Gene Alias

CFND, CFNS, EFL3, EPLG2, Elk-L, LERK2, MGC8782

Gene Description

ephrin-B1

Omim ID[300035 304110](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a type I membrane protein and a ligand of Eph-related receptor tyrosine kinases. It may play a role in cell adhesion and function in the development or maintenance of the nervous system. [provided by RefSeq]

Other Designations

ELK ligand|OTTHUMP00000023456|ephrin-related receptor tyrosine kinase ligand 2|ligand of eph-related kinase 2

Pathway

- [Axon guidance](#)

Disease

- [Chromosome Aberrations](#)
- [Craniosynostoses](#)
- [Genetic Diseases](#)