

Product datasheet for **TP301886L**

Ephrin B1 (EFNB1) (NM_004429) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ephrin-B1 (EFNB1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201886 protein sequence
Red=Cloning site **Green**=Tags(s)

MARPGQRWLGKWLAMVWVWALCRLATPLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAG
RPYEYYKLYLVRPEQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLFQKHHHDYYITSTSNG
SLEGLNREGGVCRTTRTMKIIIMKVGQDPNAVTPPEQLTTSRPSKEADNTVKMATQAPGSRGSLGSDGKHE
TVNQEEKSGPGASGGSSGDPDGFNSKVALFAAVGAGCVIFLLIIIFLTVLLLKLRKRHRKHTQQRAAAL
SLSTLASPKGGSGTAGTEPSDIIILRTTENNYCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004420](#)

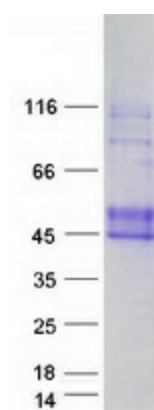
Locus ID: 1947



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| | |
|-------------------|---|
| UniProt ID: | P98172 |
| RefSeq Size: | 3344 |
| Cytogenetics: | Xq13.1 |
| RefSeq ORF: | 1038 |
| Synonyms: | CFND; CFNS; EFB1; EFL3; Elk-L; EPLG2; LERK2 |
| 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, Jul 2008] |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Axon guidance |

Product images:



Coomassie blue staining of purified EFNB1 protein (Cat# [TP301886]). The protein was produced from HEK293T cells transfected with EFNB1 cDNA clone (Cat# [RC201886]) using MegaTran 2.0 (Cat# [TT210002]).