

Product datasheet for **TP301886**

Ephrin B1 (EFNB1) (NM_004429) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ephrin-B1 (EFNB1), 20 µg

Species: Human

Expression Host: HEK293T

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

MARPGQRWLKWLVMVWALCRLATPLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAG
RPYEYYKLYLVRPEQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLEFKKHHDYITSTSNG
SLEGLNREGGVCRTRTMKIIMKVGQDPNAVTPPEQLTTSRPSKEADNTVKMATQAPGSRGSLGSDGKHE
TVNQEEKSGPGASGGSGDPDGFNSKVALFAAVGAGCVIFLLIIIFLTVLLLKLRKRHRKHHTQQRAAAL
SLSTLASPKGGSGTAGTEPSDIIPLRTTENNYCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV

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](#)

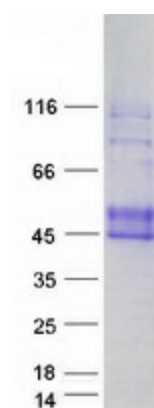
Locus ID: 1947



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UniProt ID:	<u>P98172</u>
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]).