

Product datasheet for PH301886

Ephrin B1 (EFNB1) (NM_004429) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EFNB1 MS Standard C13 and N15-labeled recombinant protein (NP_004420)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201886
Predicted MW:	38 kDa
Protein Sequence:	>RC201886 protein sequence Red=Cloning site Green=Tags(s) MARPGQRWLGKWL VAMVVWALCRLATPLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAG RPYEYKLYLVRPEQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLEFKKHHYYITSTSNG SLEGLENREGGVCRTMTMKIIMKVGQDPNAVTPPEQLTTSRPSKEADNTVKMATQAPGSRGSLGSDGKHE TVNQEEKSGPGASGGSGDPDGFNFNSKVALFAAVGAGCVIFLLIIIFLTVLLKLRKRHRKHTQQRAAAL SLSTLASPKGGSGTAGTEPSDIIIPLRRTENNYCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004420</u>
RefSeq Size:	3344
RefSeq ORF:	1038
Synonyms:	CFND; CFNS; EFB1; EFL3; Elk-L; EPLG2; LERK2
Locus ID:	1947



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UniProt ID: [P98172](#)

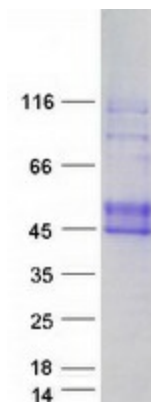
Cytogenetics: Xq13.1

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]).