

## Product datasheet for **TP721089XL**

### Ephrin B1 (EFNB1) (NM\_004429) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ephrin-B1 (EFNB1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Leu28-Gly232
Tag:	C-His
Predicted MW:	23.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_004420</a>
Locus ID:	1947
UniProt ID:	<a href="#">P98172</a>
RefSeq Size:	3344
Cytogenetics:	Xq13.1
RefSeq ORF:	1038
Synonyms:	CFND; CFNS; EFB1; EFL3; Elk-L; EPLG2; LERK2



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**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