

**EFNB1, 28-237aa, Human, His tag, E.coli**

**Cat.NO.: TP01979**

3th Edition

**Synonyms:**Ephrin-B1, CFND, CFNS, EFL3, Elk-L, EPLG2, LERK2

**Description:**Ephrin-B1, also known as EFNB1, belongs to the Eph family. Ephrins, which act as ligands for Eph receptors, are cell-surface proteins that fall into two categories, ephrin-A and ephrin-B, based on their structure and function. EFNB1 proteins are transmembrane and have conserved cytoplasmic tyrosine residues that are phosphorylated upon interaction with an EphB receptor.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol

**Molecular Weight:**25.3 kDa (231aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAGRPYEYYKLYLVLP  
EQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLEFKKHHDYITSTSNGLSLEGLNREGGVCRTMTKI  
IMKVGQDPNAVTPQLTTSRPSKEADNTVKMATQAPGSRGSLGSDGKHETVNQEEKSGPGASGGSSGDPDGF  
NSK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.