

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:

MGSSHHHHHHSSGLVPRGSHMLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAGRPYEYYKLYLV
EQAAACSTVLDPNVLVTCNRPEQEIRFTIKQEFSPNYMGLEFKKHHDYYITSTSNGLSLEGLNREGGVCRTMTKI
IMKVGQDPNAVTPQLTTSRPSKEADNTVKMATQAPGSRGSLGSDGKHETVNQEEKSGPGASGGSSGDPDGFF
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.