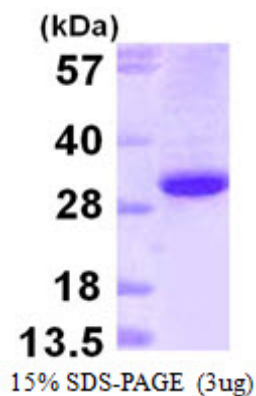


AR39135PU-L

Human Ephrin-B1 (28-237, His-tag) - Purified

Alternate names:	CEK5 Ligand, CEK5-L, EFL-3, EFL3, EFNB1, ELK-L, EPH-related receptor tyrosine kinase ligand 2, EPLG2, LERK-2, LERK2
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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. Also, EFNB1 transduces outside-in signals through C-terminal protein interactions that effect integrin-mediated cell attachment and migration.
Uniprot ID:	P98172
NCBI:	NP_004420
GeneID:	1947
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol
Description:	Recombinant human EFNB1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MLAKNLEPVS WSSLNPKFLS GKGLVIYPKI GDKLDIICPR AEAGRPYEEY KLYLVRPEQA AACSTVLDPN VLVTCNRPEQ EIRFTIKFQE FSPNYMGLEF KKHHDYYITS TSNGSLEGLE NREGGVCRTM TMKIIMKVGQ DPNVTPPEQL TTSRPSKEAD NTVKMATQAP GSRGSLGDSG GKHETVNQEE KSGPGASGGS SGDPDGGFFNS K Molecular weight: 25.3 kDa (231aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Nagashima K., et al. (2002) Mol Biol Cell. 13:4231-4242.

Pictures:



Rcombinant human EFNB1, 28-237aa, His-tagged

