

## 32-3721: EFNB1 Recombinant Protein

**Alternative Name :** ephrin-B1, LERK2, EPLG2, Elk-L, EPH-related receptor tyrosine kinase ligand 2, EFL-3, ELK ligand, CFND, CFNS, Craniofrontonasal Syndrome (craniofrontonasal dysplasia), MGC8782.

### Description

Source : E.coli. EFNB1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 231 amino acids (28-237) and having a molecular mass of 25.3 kDa. The EFNB1 is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. EFNB1 is a member of the Eph family. The cell-surface proteins Ephrins split into two groups, ephrin-A and ephrin-B, based on their structure and function and perform as ligands for Eph receptors. The transmembrane EFNB1 proteins have conserved cytoplasmic tyrosine residues that are phosphorylated upon interaction with an EphB receptor. In addition, EFNB1 transduces outside-in signals by C-terminal protein interfaces which influence integrin-mediated cell attachment and migration.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	The EFNB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MLAKNLEPVS WSSLNPKFLS GKGLVIYPKI GDKLDIICPR AEAGRPYEYY KLYLVRPEQA AACSTVLDPN VLVTCNRPEQ EIRFTIKFQE FSPNYMGLEF KKHHDYYITS TSNGSLEGLE NREGGVCRTT TMKIIMKVGQ DPNVTPTEQL TTSRPSKEAD NTVKMATQAP GSRGSLGDSD GKHETVNQEE KSGPGASGGG SGDPDGFFNS K

