

## 32-13205: EFNB1 Human, Sf9

**Alternative Name :** Ephrin B1, ELK Ligand, Ephrin-B1, Elk-L, EPLG2, LERK2, EFL3, Craniofrontonasal Syndrome (Craniofrontonasal Dysplasia), Eph-Related Receptor Tyrosine Kinase Ligand 2, EPH-Related Receptor Tyrosine Kinase Ligand 2, LERK-2, EFL-3, CFND, EFB1, CFNS, ELK ligand, ELK-L, EPH-related receptor tyrosine kinase ligand 2.Å

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

EFNB1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 452 amino acids (28-237a.a.) and having a molecular mass of 50.3kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).EFNB1 is expressed with a 242 amino acid hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** EFNB1 protein solution (1mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

**Storage condition :** 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.

**Amino Acid :** ADPLAKNLEP VSWSSLNPKF LSGKGLVIYP KIGDKLDIIC PRAEAGRPYE YYKLYLVRPE QAAACSTVLD PNVLVTCNRP EQEIRFTIKF QEFSPNYMGL EFKKHHDYI TSTSNGSLEG LENREGGVCR TRTMKIIMKV GQDPNAVTPPE QLTTSRPSKE ADNTVKMATQ APGSRGSLGSDGKHETVNQ EEKSGPGASG GSSGDPDGFF NSKLEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKNQVSLTCLVKG FYPDSIAVEW ESNQGPENNY KTTTPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.