

Ephrin-B1 Human Recombinant

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| Item Number | rAP-3234 |
| Synonyms | 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 | 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. |
| Uniprot Accession Number | P98172 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MLAKNLEPVS WSSLNPKFLS GKGLVIYPKI GDKLDIICPR AEAGRPYEYY KLYLVRPEQA AACSTVLDPN VLVTCNRPEQ EIRFTIKFQE FSPNYMGLF KKHHDY- YITS TSNGSLEGLE NREGGVCRTM TMKIIMKVGQ DPNAVTPPEQL TTSRPSKEAD NTVKMATQAP GSRGSLGDSD GKHETVNQEE KSGPGASGGS SGDPDGFNS K |
| Source | E.coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | The EFNB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol. Greater than 95% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**