

Ephrin- B2 Human Recombinant

Item Number	rAP-3235
Synonyms	Ephrin-B2, EPH-related receptor tyrosine kinase ligand 5, LERK-5, HTK ligand, HTK-L, EFNB2, EPLG5, HTKL, LERK5, MGC126226, MGC126227, MGC126228.
Description	EFNB2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (28-229 a.a.) and having a molecular mass of 24.9kDa.EFNB2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P52799
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMIVLEP IYWNSSNSKF LPGQGLVLYP QIGDKLDIIC PKVDSKTVGQ YEYYKVYMDV KDQADRCTIK KENTPLLNCA KPDQDIKFTI KFQEFSPNLW GLEFQKNKDY YIISTSNGSL EGLDNQEGGV CQTRAMKILM KVGQDASSAG STRNKDPTRR PELEAG- TNGR SSTTSPFVKP NPGSSTDGNS AGHSGNNILG SEVALFA.
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	EFNB2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 200mM NaCl. Greater than 85% 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**