

## Ephrin- B2 Human Recombinant

<b>Item Number</b>	rAP-3235
<b>Synonyms</b>	Ephrin-B2, EPH-related receptor tyrosine kinase ligand 5, LERK-5, HTK ligand, HTK-L, EFNB2, EPLG5, HTKL, LERK5, MGC126226, MGC126227, MGC126228.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	P52799
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMIVLEP IYWNSSNSKF LPGQGLVLYP QIGDKLDIICPKVDSKTVGQ YEYYKVYMVD KDQADRCKT KENTPLLNCA KPDQDIKFTI KFQEFSPLNW GLEFQKNDY YIISTSNGSL EGLDNQEGGV CQTRAMKILM KVGQDASSAG STRNKPTRR PELEAG-TNGR STTSPFVKP NPGSSTDGNS AGHSGNNILG SEVALFA.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	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.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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 end users! This product is sold for **Research Use Only**