

## EFNA1 Human

**Description:** EFNA1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 185 amino acids (19-182) and having a molecular mass of 21.6 kDa. EFNA1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-978

For research use only.

**Synonyms:** Ephrin-A1, EPLG1, TNFAIP4, LERK1, EFL1, ECKLG, EPH-related receptor tyrosine kinase ligand 1, Immediate early response protein B61, Tumor necrosis factor alpha-induced protein 4, TNF alpha-induced protein 4, ligand of eph-related kinase 1, tumor necrosis

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MDRHTVFWNS SNPKFRNEDY  
TIHVQLNDYV DIICPHYEDH SVADAAMEQY ILYLVEHEEY QLCQPQSKDQ VRWQCNRP  
SA KHGPEKLSEK FQRFTPFTLG KEFKEGHSYY YISKPIHQHE DRCLRLKVTV SGKITHSPQA  
HVNPQEKRLA ADDPEVRVLH SIGH

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

**Formulation:**

The EFNA1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

EFNA1 belongs to the ephrin (EPH) family. The EPH subfamily is the biggest group of receptor protein kinases and they take part in vital nervous system function and development.

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