

**AR50918PU-N****Human Ephrin-A3 (23-214, His-tag) - Purified****Alternate names:**

EFL-2, EFL2, EFNA3, EHK1 ligand, EHK1-L, EPH-related receptor tyrosine kinase ligand 3, EPLG3, LERK-3, LERK3

**Quantity:**

0.5 mg

**Concentration:**

1 mg/ml (determined by Bradford assay)

**Background:**

EFNA3 is a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins.

**Uniprot ID:**[P52797](#)**NCBI:**[NP\\_004943](#)**GeneID:**[1944](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol**Description:**

Recombinant human EFNA3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

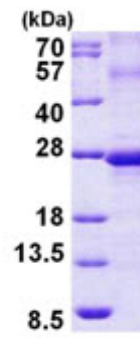
**AA Sequence:**MGSSHHHHHH SGLVPRGSH MGSMMQGP GG ALGNRHAVYW NSSNQHLRRE GYTVQVNVND  
YLDIYCPHYN SSGVGPAGP GPGGGAEQYV LYMVSRNGYR TCNASQGFKR WECNRPHAPH  
SPIKFSEKFO RYSAFSLGYE FHAGHEYYI STPTHNLHWK CLRMKVFCVCC ASTSHSGEKP  
VPTLPQFTMG PNVKINVLED FEENPQVVK LEKSISG**Molecular weight:** 24 kDa (217aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:**

Carmona MA, Murai KK, et al. Proc Natl Acad Sci U S A. 2009 Jul 28;106(30):12524-9.

Pictures:



15% SDS-PAGE (3ug)