

Product information



EFNA3, 23-214aa

Human, His-tagged, Recombinant, *E.coli*

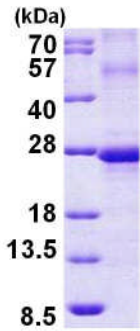
Cat. No. IBATGP2094

Full name: Ephrin-A3

NCBI Accession No.: NP_004943

Synonyms: ephrin-A3, EFL2, Ehk1-L, EPLG3, LERK3

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

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol</p> <p>Molecular Weight: 24 kDa (217aa)</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMQGPGG</u> <u>ALGNRHAVYW</u> <u>NSSNQHLRRE</u> <u>GYTVQVNVND</u> <u>YLDIYCPHYN</u> <u>SSGVGPGAGP</u> <u>GPGGGAEQYV</u> <u>LYMVSRRNGYR</u> <u>TCNASQGFKR</u> <u>WECNRPHAPH</u> <u>SPIKFSEKFK</u> <u>RYSAFSLGYE</u> <u>FHAGHEYYYI</u> <u>STPTHNLHWK</u> <u>CLRMKVFVCC</u> <u>ASTSHSGEKP</u> <u>VPTLPQFTMG</u> <u>PNVKINVLED</u> <u>FEGENPQVPK</u> <u>LEKSI</u><u>SG</u></p>	

General references:

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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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