

## Recombinant Human Ephrin-A1, His-tagged

Cat. No. EFNA1-1279H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human EFNA1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	Human
<b>Description</b>	EFNA1, also known as Ephrin A1, is a member of the ephrin (EPH) family. The EPH subfamily represents the largest group of receptor protein kinases. There is increasing evidence that Eph family members are involved in central nervous system function and in development.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
<b>Molecular Weight</b>	21.6 kDa (185aa)
<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	1.0 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MDRHTVFWNS SNPKFRNEDY TIHVQLNDYV DIICPHYEDH SVADAAMEQY ILYLVEHEEY QLCQPQSKDQ VRWQCNRPSA KHGPEKLSEK FQRFTPFTLG KEFKEGHSYY YISKPIHQHE DRCLRLKVTV SGKITHSPQA HVNPQEKRLA ADDPEVRVLH SIGHS

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**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.

**Pathways** Axon guidance

## GENE INFORMATION

**Gene Name** EFNA1 ephrin-A1 [ Homo sapiens ]

**Official Symbol** EFNA1

**Synonyms** EFNA1; B61; ECKLG; EFL1; EPLG1; LERK-1; TNFAIP4; Ephrin-A1; OTTHUMP00000033242; OTTHUMP00000033271; EPH-related receptor tyrosine kinase ligand 1; Immediate early response protein B61; Tumor necrosis factor, alpha-induced protein 4; Ligand of eph-related kinase 1

**Gene ID** 1942

**mRNA Refseq** NM\_004428

**Protein Refseq** NP\_004419

**MIM** 191164

**UniProt ID** P20827

**Chromosome Location** 1q21-q22

**Function** Ephrin receptor binding

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