

Recombinant Human Ephrin-A1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human EFNA1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	Human
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Weight	21.6 kDa (185aa)
Purity	> 90% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MDRHTVFWNS SNPKFRNEDY TIHVQLNDYV DIICPHYEDH SVADAAMEQY ILYLVEHEEY QLCQPQSKDQ VRWQCNRP SA 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