

## Product datasheet for **TP727977**

### Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Ephrin-A1/EFNA1/LERK1 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Asp19-Ser182
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Ephrin-A1 is produced by our Mammalian expression system and the target gene encoding Asp19-Ser182 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Ephrin-A1; EPH-Related Receptor Tyrosine Kinase Ligand 1; LERK-1; Immediate Early Response Protein B61; Tumor Necrosis Factor Alpha-Induced Protein 4; TNF Alpha-Induced Protein 4; EFNA1; EPLG1; LERK1; TNFAIP4
Summary:	Ephrin-A1 is a member of the A-type ephrin family of cell surface proteins that function as ligands for the A-type Eph receptor tyrosine kinase family. Ephrin-A1 can be induced by TNF and IL1B. Its expression levels can be down-regulated in primary glioma tissues compared to the normal tissues. The soluble monomeric form is expressed in the glioblastoma multiforme (GBM) and breast cancer cells. Soluble Ephrin-A1 is necessary for the transformation of HeLa and SK-BR3 cells and participates in the relocalization of EPHA2 away from sites of cell-cell contact during transformation. Ephrin-A1 plays an important role in angiogenesis and tumor neovascularization.



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