

## Active Recombinant Human EFNA1 Protein, His-tagged

Cat. No. EFNA1-357H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EFNA1(Met 1-Ser182) fused with His tag at the C-terminus was produced in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Ser182
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human Ephrin-A1 His at 2 µg/ml (100 µl/well) can bind Human EphA1 hFc, the EC50 of Human EphA1 hFc is 8.0-48.0 ng/mL.
<b>Molecular Mass</b>	The recombinant human Ephrin-A1 comprises 175 amino acids a predicted molecular mass of 20.8 kDa. As a result of glycosylation, rh Ephrin-A1 migrates as an approximately 26 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [EFNA1 ephrin-A1 \[ Homo sapiens \]](#)

**Official Symbol** [EFNA1](#)

**Synonyms**

EFNA1; ephrin-A1; EPLG1, TNFAIP4; ECKLG; LERK1; TNF alpha-induced protein 4; ligand of eph-related kinase 1; immediate early response protein B61; eph-related receptor tyrosine kinase ligand 1; tumor necrosis factor alpha-induced protein 4; tumor necrosis factor, alpha-induced protein 4; B61; EFL1; EPLG1; LERK-1; TNFAIP4;

**Gene ID** [1942](#)

**mRNA Refseq** [NM\\_004428](#)

**Protein Refseq** [NP\\_004419](#)

**MIM** [191164](#)

**UniProt ID** [P20827](#)

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