

Active Recombinant Human EFNA1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human EFNA1(Met 1-Ser182) fused with His tag at the C-terminus was produced in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1-Ser182
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	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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