

Active Recombinant Human EFNA1 protein, hFc-tagged

Cat. No. EFNA1-328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNA1 protein(NP_004419.2)(Met1-Ser182), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser182
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Ephrin-A1 Protein, Human, Recombinant (hFc Tag)(Cat:10882-H02H) at 2 µg/mL (100 µL/well) can bind EphA2 Protein, Mouse, Recombinant (His Tag)(Cat:50586-M08H), the EC50 is 13-64 ng/mL.
Molecular Mass	The recombinant human EFNA1 consists of 402 amino acids and predicts a molecular mass of 46.08 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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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 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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