

Active Recombinant Human EFNA1 protein, Fc-His-tagged

Cat. No. EFNA1-2326H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EFNA1 protein(NP_004419.2)(Met1-Ser182) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-182 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse EphA2 at 2 µg/ml (100 µl/well) can bind human EphrinA1 with a linear range of 0.8-20 ng/ml.
Molecular Mass	The recombinant human EphrinA1/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 412 amino acids a predicted molecular mass of 47.5 kDa. As a result of glycosylation, rh EphrinA1/Fc monomer migrates as an approximately 50-55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_004419.2

Unit ID

P20827

Unit ID-Weblink

<http://www.uniprot.org/uniprot/P20827>

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

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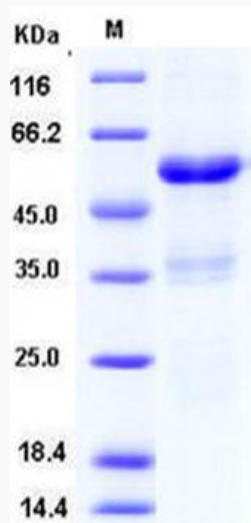
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MIM

191164

SDS-PAGE



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