

## Recombinant Human EFNA1 protein, Fc-tagged

**Cat. No.** EFNA1-1407H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EFNA1 protein(Asp19-Ser182), fused with Fc tag, was expressed in HEK293.                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 19-182 a.a.                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 46.0 kDa. As a result of glycosylation, the protein migrates as 53-57 kDa under reducing (R) condition, and 100-115 kDa under non-reducing (NR) condition (SDS-PAGE). |
| <b>Proteinlength</b>    | Asp19-Ser182                                                                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                           |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                      |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile                   |

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conditions after reconstitution.

#### 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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