

PRODUCT INFORMATION

Target EFNA1

B61; EFL1; GMAN; ECKLG; EPLG1; LERK1; LERK-1; **Synonyms**

TNFAIP4

Recombinant human EFNA1 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P20827 **Expression Host** HFK293

C-Human Fc tag Tag

Molecular

Background

EFNA1(Asp19-Ser182) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

45.5 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of EFNA1-hFc is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and

sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two

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transcript variants that encode different isoforms were identified through sequence analysis.

[provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated





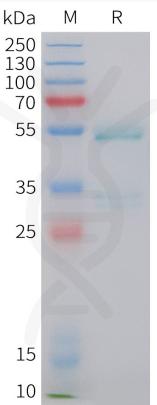


Figure 1. Human EFNA1 Protein, hFc Tag on SDS-PAGE under reducing condition.



