PRODUCT INFORMATION

Target	EFNA1
Synonyms	B61; EFL1; GMAN; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4
Description	Recombinant human EFNA1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P20827
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	EFNA1(Asp19-Ser182) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.5 kDa after removal of the signal peptide. The apparent molecular mass of EFNA1-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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). Lyophilized proteins are shipped at ambient temperature.
Background	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 transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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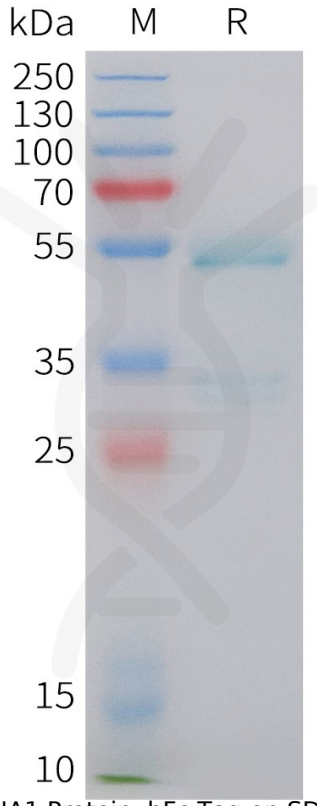


Figure 1. Human EFNA1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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