

Recombinant Human EFNA1 Protein, Fc-tagged

Cat. No. EFNA1-229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EFNA1 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	205
Description	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.
Form	Lyophilized
Molecular Mass	46 kDa
AA Sequence	MEFLWAPLLGLCCSLAAADRHTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDH SVADAAMEQYILYLVEHEEYQLCQPQSKDQVRWQCNRPSAKHGPKEKLSEKFQRFT

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	PFTLGKEFKEGHSYYYISKPIHQHEDRCLRLKVTVSGKITHSPQAHDNPQEKRLAAD DPEVRVLHSIGHSAAPRLFPLAWTVLLLPLLLLQTP
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	EFNA1 ephrin-A1 [Homo sapiens (human)]
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;

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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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