Recombinant Human EFNA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFNA1-1561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFNA1 MS Standard C13 and N15-labeled recombinant protein (NP_004419) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23.8 kDa
AA Sequence	MEFLWAPLLGLCCSLAAADRHTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDH SVADAAMEQYILYLVEHEEYQLCQPQSKDQVRWQCNRPSAKHGPEKLSEKFQRFT PFTLGKEFKEGHSYYYISKPIHQHEDRCLRLKVTVSGKITHSPQAHDNPQEKRLAAD

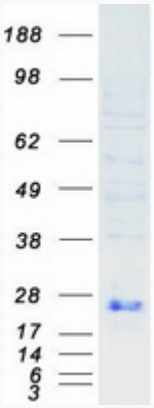
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	DPEVRVLHSIGHSAAPRLFPLAWTVLLLPLLLLQTPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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; 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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MIM	191164
UniProt ID	P20827
SDS-PAGE	

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