Recombinant Human EFNA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFNA2-3054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFNA2 MS Standard C13 and N15-labeled recombinant protein (NP_001396) 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 family. The protein is composed of a signal sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. 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. Posttranslational modifications determine whether this protein localizes to the nucleus or the cytoplasm.
Molecular Mass	23.88 kDa
AA Sequence	MAPAQRPLLPLLLLLLPLPPPPFARAEDAARANSDRYAVYWNRSNPRFHAGAGDDG GGYTVEVSINDYLDIYCPHYGAPLPPAERMEHYVLYMVNGEGHASCDHRQRGFKR WECNRPAAPGGPLKFSEKFQLFTPFSLGFEFRPGHEYYYISATPPNAVDRPCLRLKV

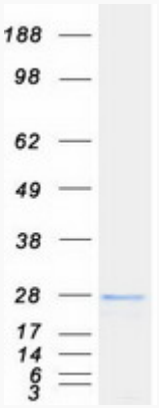
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	YVRPTNETLYEAPEPIFTSNNSCSSPGGCRLFLSTIPVLWTLLGSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	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	EFNA2 ephrin-A2 [Homo sapiens (human)]
Official Symbol	EFNA2
Synonyms	EFNA2; ephrin-A2; EPLG6; ELF 1; LERK6; HEK7 ligand; eph-related receptor tyrosine kinase ligand 6; ELF-1; HEK7-L; LERK-6;
Gene ID	1943
mRNA Refseq	NM_001405
Protein Refseq	NP_001396
MIM	602756

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UniProt ID	O43921
SDS-PAGE	

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