

Recombinant Full Length Human EFNA2 Protein

Cat. No. EFNA2-137HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Ephrin A2 with N-terminal proprietary tag. Predicted MW 50.43kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	213 amino acids
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.
Form	Liquid
Molecular Mass	50.430kDa inclusive of tags
AA Sequence	MAPAQRPLLPLLLLLLPLPPPPFARAEDAARANS DRYAVY WNRSNPRFHAGAGDD

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GGGYTVEVSINDYLDIYCPHYGAPL PPAERMEHYVLYMVNGEGHASCDHRQRGFK
RWE CNRPAAP GGPLKFSEKFQLFTPFSLGFEFRPGHEY Y YISATPPNAVD RPCLRL
KVYVRPTNETLYEAPEPIFTSNNSCSPGGCRLF LSTIPVLWTL LGS

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name EFNA2 ephrin-A2 [Homo sapiens]

Official Symbol EFNA2

Synonyms EFNA2; ephrin-A2; EPLG6; ELF1; LERK6

Gene ID 1943

mRNA Refseq NM_001405

Protein Refseq NP_001396

MIM 602756

UniProt ID O43921

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