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	MAPAQRPLLPLLLLLLPLPPPPFARAEDAARANSDRYAVY WNRSNPRFHAGAGDD

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	GGGYTVEVSINDYLDIYCPHYGAPL PPAERMEHYVLYMVNGEGHASCDHRQRGFK RWECNRPAAP GGPLKFSEKFQLFTPFSLGFEFRPGHEYYYISATPPNAVD RPCLRL KVYVRPTNETLYEAPEPIFTSNNSCSSPGGCRLF LSTIPVLWTLLGS
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA