

Recombinant Full Length Human EFNA2 Protein, GST-tagged

Cat. No. EFNA2-4216HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFNA2 full-length ORF (AAI48728.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
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. [provided by RefSeq, Jul 2008]
Molecular Mass	50.38 kDa
AA Sequence	MAPAQRPLLPLLLLLLLPLPPPPFARAEDAARANS DRYAVYWNRSNPRFHAGAGDDG GGYTVEVSINDYLDIYCPHYGAPLPPAERMEHYVLYMVNGEGHASC DHRQRGFKR WECNRPAAPGGPLKFSEKFQLFTPFSLGFEFRPGHEY Y YISATPPNAVDRPCLRLKV

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YVRPTNETLYEAPEIFTSSNNSSPPGGCRLFLSTIPVLWTLLGS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EFNA2 ephrin-A2 [Homo sapiens]

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

UniProt ID

O43921

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