

# Recombinant Full Length Human EFNA2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human EFNA2 full-length ORF ( AAI48728.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	213 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	50.38 kDa
<b>AA Sequence</b>	MAPAQRPLLPLLLLLLPLPPPPFARAEDAARANS DRYAVYWNRSNPRFHAGAGDDG GGYTVEVSINDYLDIYCPHYGAPLPPAERMEHYVLYMVNGEGHASC DHRQRGFKR WECNRPAAPGGPLKFSEKFLFTPFSLGF EFRPGHEY YISATPPNAVDRPCLRLKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



YVRPTNETLYEAPEPIFTSNNSCSSPGGCRLFLSTIPVLWTLGGS

**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

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA