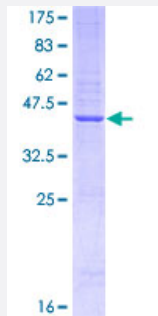


EFNA1 (Human) Recombinant Protein (Q01)

Catalog # H00001942-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EFNA1 partial ORF (AAH32698, 21 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDHSVADAAMEQYILYLVEHEEYQLCQPQSKD QVRWQCNRPSTAKHGPEKLSEKFQRFTPTLKGKEFGHSYYIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — EFNA1

Entrez GeneID [1942](#)

GeneBank Accession# [BC032698](#)

Protein Accession# [AAH32698](#)

Gene Name EFNA1

Gene Alias B61, ECKLG, EFL1, EPLG1, LERK1, TNFAIP4

Gene Description ephrin-A1

Omim ID [191164](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq]

Other Designations OTTHUMP00000033242|OTTHUMP00000033271|eph-related receptor tyrosine kinase ligand 1|ephrin A1|immediate early response protein B61|ligand of eph-related kinase 1|tumor necrosis factor, alpha-induced protein 4

Pathway

- [Axon guidance](#)