

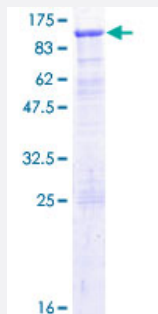
Full-Length

TIAM2 (Human) Recombinant Protein (P01)

Catalog # H00026230-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TIAM2 full-length ORF (NP_001010927.1, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEGPRENQDPPPRPLARHLSADRLRKVIQELVDTEKSYVKDLSCLFELYLEPLQNETFLTQDEM
ESLFGSLPEMLEFQKVLETLEDGISASSDFNTLETPSQFRKLLFSLGGSFLYADHFKLYSGFCA
NHIKVQKVLERAQTDKAFKAFDARNPTKQHSSTLESYLKPVQRVLKYPLLLKELVSLTDQESEE
HYHLTEALKAMEKVASHINEMQKIYEDYGTVFDQLVAEQSGTEKEVTELSMGELLMHSTVSWLNP
FLSLGKARKDLELTVFVKRAVILVYKENCKLKKKLPSNSRPAHNSTDLPFKFRWLIPISALQVRL
GNPAGTENNSWELIHTKSEIEGRPETFQLCCSDSESKTNVQVIRSILRENFRRHICELPLEKTCK
DRLVPLKNRVPVSAKLASSRSLKVLKNSSSNEWTGETGKGTLTLDSEGLSSGTQSSGCPTAE
GRQDSKSTSPGKYPHPLADFNLIKESDILSDEDDHRQTVKQGSPTKDIEIQFQRLRISEDPD
VHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPIKRIKANSKTRDRGTLLKAQIRHQSLDSQSENA
TIDLSVLEREFVQSLTSVVSEECFYETESHGKS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.2

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 — TIAM2

Entrez GeneID	26230
GeneBank Accession#	NM_001010927.2
Protein Accession#	NP_001010927.1
Gene Name	TIAM2
Gene Alias	FLJ41865, STEF
Gene Description	T-cell lymphoma invasion and metastasis 2
Omim ID	604709
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000040111 SIF and TIAM1-like exchange factor

Pathway

- [Chemokine signaling pathway](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)