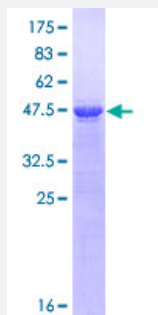


TIAM2 (Human) Recombinant Protein (Q01)

Catalog # H00026230-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TIAM2 partial ORF (NP_001010927, 527 a.a. - 624 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DVHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPIKRKANSTKRDRGTLTKAQIRHQSLDSQSE NATIDLNSVLEREFVSQSLTSVVSEECFYETESHG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
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](#)

Protein Accession# [NP_001010927](#)

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](#)