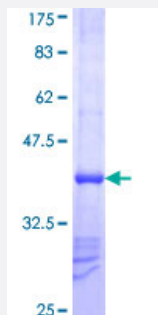


TRIM23 (Human) Recombinant Protein (Q01)

Catalog # H00000373-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TRIM23 partial ORF (AAH22510, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATLVVNKLGAGVDSGRQGSRGTA VVKVLECGVCEDVFSLQGDKVPRLLLCGHTVCHDCLTRL PLHGRAIRCPFDRQVTDLGDSGVWGLKKNFALLELLERLQNGPIGQY
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 — TRIM23

Entrez GeneID [373](#)

GeneBank Accession# [BC022510](#)

Protein Accession# [AAH22510](#)

Gene Name TRIM23

Gene Alias ARD1, ARFD1, RNF46

Gene Description tripartite motif-containing 23

Omim ID [601747](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene have been described. [provided by RefSeq]

Other Designations ADP-ribosylation factor domain protein 1|ADP-ribosylation factor domain protein 1, 64kDa|ARF domain protein 1|GTP-binding protein ARD-1|OTTHUMP00000123453|tripartite motif protein TRIM23