

Recombinant Full Length Human TRIM23 Protein

Cat. No. TRIM23-538HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TRIM23 with N terminal proprietary tag, 89.25 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	574 amino acids
Description	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.
Form	Liquid
Molecular Mass	89.250kDa inclusive of tags
AA Sequence	MATLVVNKLGAGVDSGRQGSRGTAVVKVLECGVCEDVFSL QGDKVPRLLLCGHTV

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CHDCLTRLPLHGRAIRCPFDRQVTD LGDSGVWGLKKNFALLELLERLQNGPIGQYG
AAEESIGIS GESIIRCEDEDEAHLASVYCTVCATHLCSECSQVTHSTKTL AKHRRVPL
ADKPHEKTMCSQHQQVHAIEFVCLEEGCQTSPL MCCVCKEYGKHQGHKHSVLEPEA
NQIRASILDMAHCIRTF TEEISDYSRKLVGIVQHIEGGEQIVEDGIGMAHTEHVPQT A
ENARSCIRAYFYDLHETLCRQEEMALSVVDAHVREKLIW LRQQQEDMTILLSEVSAA
CLHCEKTLQQDDCRVVLAKQEI TRLLETLQKQQQFTEVADHIQLDASIPVTFKDN
RVHIG PKMEIRVVTGLDGGAGKTTILFKLKQDEFMQPIPTIGFNV ETVEYKNLKFTIW
DVGGKHKLRPLWKHYLLNTQAVVFVVD SSHRDRISEAHSELAKLLTEKELRDALLI
FANKQDVAGA LSVEEITELLSLHKLCCGRSWYIQGCDARSGMGLYEGLDW LSRQL
VAAGVLDVA

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [TRIM23 tripartite motif containing 23 \[Homo sapiens \]](#)

Official Symbol [TRIM23](#)

Synonyms TRIM23; tripartite motif containing 23; ADP ribosylation factor domain protein 1, 64kDa , ARFD1, tripartite motif containing 23; E3 ubiquitin-protein ligase TRIM23; ARD1; RNF46

Gene ID [373](#)

mRNA Refseq [NM_001656](#)

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Protein Refseq	NP_001647
MIM	601747
UniProt ID	P36406

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