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 phopholipase 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	CHDCLTRLPLHGRAIRCPFDRQVTD LGDSGVWGLKKNFALLELLERLQNGPIGQYG AAEESIGIS GESIIRCDEDEAHLASVYCTVCATHLCSECSQVTHSTKTL AKHRRVPL ADKPHEKTMCSQHQVHAIEFVCLEEGCQTSPL MCCVCKEYGKHQGHKHSVLEPEA NQIRASILDMAHCIRTF TEEISDYSRKLVGIVQHIEGGEQIVEDGIGMAHTEHVPGT A ENARSCIRAYFYDLHETLCRQEEMALSVVDAHVREKLIW LRQQQEDMTILLSEVSAA CLHCEKTLQQDDCRVVLAKQEI TRLLETLQKQQQQFTEVADHIQLDASIPVTFTKDN RVHIG PKMEIRVVTLGLDGAGKTTILFKLKQDEFMQPIPTIGFNV ETVEYKNLKFTIW DVGGKHKLRPLWKHYYLNTQAVVFVVD SSHRDRISEAHSELAKLLTEKELRDALLLI 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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