

## Recombinant Full Length Human TRIM23 Protein

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

### SPECIFICATION

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

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CHDCLTRLPLHGRAIRCPFDRQVTD LGDSGVWGLKKNFALLELLERLQNGPIGQYG  
 AAESIGIS GESIIRCEDEDEAHLASVYCTVCATHLCSECSQVTHSTKTL AKHRRVPL  
 ADKPHEKTMCSQHQVHAIEFVCLEEGCQTSPL MCCVCKEYGKHQGHKHSVLEPEA  
 NQIRASILDMAHCIRTF TEEISDYSRKLVGIVQHIEGGEQIVEDGIGMAHTEHVPGT A  
 ENARSCIRAYFYDLHETLCRQEEMALSVVDAHVREKLIW LRQQQEDMTILLSEVSAA  
 CLHCEKTLQQDDCRVVLAKQEI TRLLETLQKQQQQFTEVADHIQLDASIPVTFTKDN  
 RVHIG PKMEIRVVTGLDGGAGKTTILFKLKQDEFMQPIPTIGFNV ETVEYKNLKFTIW  
 DVGGKHKLRPLWKHYLNTQAVVFVVD 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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