

Product datasheet for **RC218303L4V**

TRIM23 (NM_033227) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIM23 (NM_033227) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIM23
Synonyms:	ARD1; ARFD1; RNF46
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033227
ORF Size:	1707 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218303).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_033227.2
RefSeq Size:	2429 bp
RefSeq ORF:	1710 bp
Locus ID:	373
UniProt ID:	P36406
Cytogenetics:	5q12.3
Domains:	zf-B_box, RING, RAB, BBC, SAR, ARF, arf
Protein Families:	Druggable Genome



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MW: 63.5 kDa

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, Jul 2008]