

Product datasheet for **SC304746**

TRIM49 (NM_020358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM49 (NM_020358) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM49
Synonyms:	RNF18; TRIM49A; TRIM49L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304746 representing NM_020358. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGAATTCTGGAATCTTACAGGTCTTTACAGGGGAACTCATCTGCCCCCTGTGCATGAACACTTTCATA
GACCCGGTCACCATAGACTGTGGGCACAGCTTTTGCAGGCCTTGTCTACCTCAACTGGCAAGACATC
CCATTTCTTGTCCAGTGTCTGAATGCACAAAGTCAACCGAGCAGATAAACCTCAAAACCAACATTCAT
TTGAAGAAGATGGCTTCTCTTGGCAGAAAAGTCAGTCTCTGGCTATTCTGAGCTCTGAGGAGCAAATG
TGTGGCACTCACAGGGAGACAAAGAAGATATTCTGTGAAGTGGACAGGAGCCTGCTCTGTTTGCTGTGC
TCCAGCTCTCAGGAGCACCGGTATCACAGACACCGTCCCATTGAGTGGGCTGCTGAGGAACACCGGGAG
AAGCTTTTACAGAAAATGCAGTCTTTGTGGGAAAAGCTTGTGAAAATCACAGAAACCTGAATGTGGAA
ACCACCAGAACCAGATGTGGAAGGATTATGTGAATTTAAGGCTAGAAGCAATTAGAGCTGAGTATCAG
AAGATGCCTGCATTTTCATCATGAAGAAGAAAAACATAATTTGGAGATGCTGAAAAAGAAGGGGAAAGAA
ATTTTTCATCGACTTCATTTAAGTAAAGCCAAAATGGCTCATAGGATGGAGATTTTAAGAGGAATGTAT
GAGGAGCTGAACGAAATGTGCCATAAACAGATGTGGAGCTACTTCAGGCTTTTGGAGACATATTACAC
AGGAGTGAGTCCGTGCTGCTGCACATGCCCCAGCCTCTGAATCCAGAGCTCAGTGCAGGGCCCATCACT
GGACTGAGGGACAGGCTCAACCAATTCGAGTGCATATTACTCTGCATCATGAAGAAGCCAACAATGAT
ATCTTTCTGTATGAAATTTTGAAGCATGTGTATTGGATGTGACCATCAAGATGTACCTATTTCACT
GCAACACCTAGAAGTTTTCTTGATGGGTGTTTCAGACTTTACCTCGGGCAAATATTACTGGGAGGTC
CATGTAGGGGACTCCTGGAATTGGGCTTTTGGTGTCTGTAATATGTATCGGAAAGAGAAGATCAGAAT
GAGAAGATAGATGGAAGGCGGGACTCTTTCTTCTGGGTGTGTTAAGAATGACATTCAATGCAGTCTC
TTTACCACCTCCCACTTATGCTGCAATATATCCCAAACCTACCAGCCGAGTAGGATTATTCCTGGAT
TGTGAGGCTAAGACTGTGAGCTTTGTTGATGTTAATCAAAGCTCCCTAATATACACCATCCCTAATTGC
TCTTTCTACCTCCTCTCAGGCCTATCTTTGCTGTATTCACTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_020358
Insert Size:	1359 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_020358.2
RefSeq Size:	2163 bp
RefSeq ORF:	1359 bp
Locus ID:	57093
UniProt ID:	P0CI25
Cytogenetics:	11q14.3
Protein Families:	Druggable Genome
MW:	52.9 kDa
Gene Summary:	The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This gene has been found to be preferentially expressed in testis. Related pseudogenes and gene duplicates have also been identified on chromosome 11. [provided by RefSeq, Aug 2010]