

Product datasheet for **SC321281**

TRIM52 (NM_032765) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM52 (NM_032765) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM52
Synonyms:	RNF102
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032765.2
GCTGCATCTGAGGCGGACGCCGAGTGTAGGGCACACCCTGAGGGTAGCGAGAGACGTGA
CAGGACCGAGCAGCTGGGGGCTGCAGCCTGCTCTGTCCCACCGATCCCAGAGAGAGGCT
GTGAGTCTGGATCTGGGCGTTCCGACCCCTGAGAGAGGGGGTCAAAGCTCCCCTGCGGGCC
CGAGGAAGAAGAGCAAGGTTGAGGACAGCCTCGGGTACCAGAGTAGTTTGGAGGCAGGC
CTGCAGGCGCGTCCCCGCTCCTCAGCTCCAAGCTGACGTATCTACACCTGCCGGCGGGCA
TTAAGATGGCTGGTTATGCCACTACTCCCAGCCCCATGCAGACCCTTCAGGAGGAAGCGG
TGTGTGCCATCTGCTTGATTACTTCAAGGACCCGTTCCATCAGCTGTGGGCACAAC
TCTGCCGAGGGTGTGTGACCCAGCTGTGGAGTAAGGAGGACGAGGAGGACCAGAACGAGG
AGGAAGATGAATGGGAGGAGGAGGAGGACGAGGAAGCGGTGGGGGCCATGGATGGATGGG
ACGGCTCCATTCGAGAGGTGTTGTATCGGGGAATGCTGACGAAGAGTTGTTCCAAGACC
AAGATGACGATGAACCTGGCTCGGTGACAGTGGTATAACTAATTGGGACAACGTAGACT
ATATGTGGGACGAGGAGGAAGAAGAAGAGGAAGATCAGGACTATTACCTAGGAGGCT
TGAGACCTGACCTGAGAATTGATGTCTACCGAGAAGAAGAACTACTGGAAGCATACGATG
AGGACGAAGATGAAGAGCTGTATCCTGACATCCACCCGCTCCTTCTTGCCCTTCCAG
GGCAGTTACCTGCCCCAGTGCCGAAAGAGCTTTACACGTCGCAGCTTTCGTCCCAACT
TGCAGCTGGCCAACATGGTCCAGATAATTGCCAGATGTGCCCACTCCTTATCGGGGAA
ACCGGAGTAATGATCAGGGCATGTGCTTTAAACACCAGGAAGCCCTGAAACTCTTCTGTG
AGGTGGACAAAGAGGCCATCTGTGTGGTGTGCCGAGAATCCAGGAGCCACAAACAGCACA
GCGTGCTGCCTTTGGAGGAGGTGGTGCAGGAGTACCAGGAAATAAAGTTGGAAACAACCTC
TGGTGGGAATACTTCAGATAGAGCAAGAAAGCATTACAGCAAGGCCTATAATCAGTAAG
ATGTGTGAAAAGTTGGGTAGCCACAGGAGGTGTTTATTGTTTGGAGTCAATGTTCTTTTAA
AGCTATTTCTATTGCATAACCAAGGACAGTTTTATTGTTTGGAGTCAATGTTCTTTTAA
ATTTGATTTTCTGTAAGAAGAGGCTTTTTGGCCAGAAAGCCTTACTTATTTTACATCTT
CCAGTTTGTCCATCCCATGAGTTAGAGTTCGTCTTGACTCTGCAAGCTAGAATCAAAGAA
TTATGAAAGTAAGATCATTTAGATTTGACCAAGGGCACCATTAAATGGTGTGAGGTTTTA
GGAAGCAGACGGGTGTATAAAAAGAAAATGAACAAAGATTTCACTTATTGGGGATCAGGC
ATAACTGGATGCCTGGATTGTCTGCCACCCAGCTGCCACCAATAAAATCATTATCACT
CTGCAAGAGGGACCAGATGCTTCCATCATCAGTACTCCTGTTTTCTGTTATCTCCTTT
GAGGTAGCTAAAAATGGCAGCAAAAAAATGTTGAGGCTTTTCTCAAGTATATACTCA
TGTTATTTTGCAGAAGATAGGGTCAACTCTTCAGTTGAGTTATCTGAAAGTGTGGGCA
GTGACACCATGCCAAACACTGTTAAATTCATGCCATTAACAGTGGAGTGTCTGCAA
AGCCCCGATTCTCTGCAGCTTTAAGACTGGACAGTATTGAAATATTCACAGGAATCTTCCA
AGCCGTGAAAGCTTAATATTAACAGCCCTTTTAAATGCAAAGGAGAAAAAATGGAGAC
ACTTGTGAAACCTTGCACTCTGAGTGTGCCACAAATAAATTAAGGAATTCAGAAATTC
TTCATCTACTTCTGCAGTCTTAACCTCTGAATTAATGACTGTATATCAAACTTCAGATC
TTAAAAACATCAGCTCGCAAGAGGCTGAGGCAGGAGAATGACATGAACCTGGGAGGCGG
AGCTTGCAGTAAGCCGAGACTGAGCCACTGCACTCCAGCCTGGGCAATAGAGCAAGACTC
CATCTCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032765

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:	<u>NM_032765.2, NP_116154.1</u>
RefSeq Size:	2244 bp
RefSeq ORF:	894 bp
Locus ID:	84851
UniProt ID:	<u>Q96A61</u>
Cytogenetics:	5q35.3
Domains:	zf-B_box, RING
Gene Summary:	E3 ubiquitin-protein ligase (PubMed:27667714). Positively regulates the NF-kappa-B signaling pathway (PubMed:27667714, PubMed:28073078).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).