

Product datasheet for **SC310237**

TRIM29 (NM_012101) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM29 (NM_012101) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM29
Synonyms:	ATDC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_012101 edited</p> <pre> ATGGAAGCTGCAGATGCCTCCAGGAGCAACGGGTCGAGCCAGAAGCCAGGGATGCCCGG AGCCCGTCGGGCCCCAGTGGCAGCCTGGAGAATGGCACCAAGGCTGACGGCAAGGATGCC AAGACCACCAACGGGCACGGCGGGGAGGCAGCTGAGGGCAAGAGCCTGGGCAGCGCCCTG AAGCCAGGGGAAGGTAGGAGCGCCCTGTTCCGGGGCAATGAGTGGCGGCGACCCATCATC CAGTTTGTGAGTCCGGGGACGACAAGAAGTCCAACTACTTCAGCATGGACTCTATGGAA GGCAAGAGGTCCCGTACGCAGGGCTCCAGCTGGGGGCTGCCAAGAAGCCACCCGTTACC TTTGCCGAAAAGGGCGAGCTGCGCAAGTCCATTTTCTCGGAGTCCCGAAGCCACCGGTG TCCATCATGGAGCCCGGGGAGACCCGGCGGAACAGCTACCCCGGGCCGACACGGGCCTT TTTTACGGTCCAAGTCCGGCTCCGAGGAGGTGCTGTGCGACTCCTGCATCGGCAACAAG CAGAAGGCGGTCAAGTCTGCCTGGTGTGCCAGGCCTCCTTCTGCGAGTGCATCTCAAG CCCCACCTGGAGGGCGCCGCTTCCGAGACCACAGCTGCTCGAGCCATCCGGGACTTT GAGGCCCGCAAGTGTCCCGTGCATGGCAAGACGATGGAGCTCTTCTGCCAGACCGACCAG ACCTGCATCTGCTACCTTTCATGTTCCAGGAGACAAGAATCATAGCACCGTGACAGTG GAGGAGGCCAAGGCCGAGAAGGAGACGGAGCTGTCATTGCAAAAGGAGCAGCTGCAGCTC AAGATCATTGAGATTGAGGATGAAGCTGAGAAGTGGCAGAAGGAGAAGGACCGCATCAAG AGCTTCACCACCAATGAGAAGGCCATCCTGGAGCAGAAGTCCGGGACCTGGTGCGGGAC CTGGAGAAGCAAAAGGAGGAAGTGAAGGCTGCGCTGGAGCAGCGGGAGCAGGATGCTGTG GACCAAGTGAAGGTGATCATGGATGCTCTGGATGAGAGAGCCAAGGTGCTGCATGAGGAC AAGCAGACCCGGGAGCAGCTGCATAGCATCAGCGACTCTGTGTTGTTTCTGCAGGAATTT GGTGCATTGATGAGCAATTAATCTCTCCCCCACCCTGCCACCTATCATGTCTGTGCTG GAGGGGAGGGCCTGGGACAGTCACTAGGCAACTCAAGGACGACCTGCTCAATGTATGC ATGCGCCACGTTGAGAAGATGTGCAAGGCGGACCTGAGCCGTAACCTCATTGAGAGGAAC CACATGGAGAACGGTGGTGACCATCGCTATGTGAACAACACTACACGAACAGCTTCGGGGGT GAGTGGAGTGCACCGGACACCATGAAGAGATACTCCATGTACCTGACACCCAAAGGTGGG GTCCGGACATCATACCAGCCCTCGTCTCCTGGCCGCTTACCAAGGAGACCACCCAGAAG AATTTCAACAATCTATGGCACCAAGGTAACACTACACCTCCCGGGTCTGGGAGTACTCC TCCAGCATTGAGAACTCTGACAATGACCTGCCCGTCTGCAAGGCAGCTCCTCCTCTCC CTGAAAGGCTATCCCTCCCTCATGCGGAGCCAAAGCCCCAAGGCCAGCCCCAGACTTGG AAATCTGGCAAGCAGACTATGCTGTCTCACTACCGGCCATTCTACGTCAACAAAGGCAAC GGGATTGGGTCCAACGAAGCCCCATGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012101
Insert Size:	3000 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_012101.2](#), [NP_036233.2](#)

RefSeq Size: 3018 bp

RefSeq ORF: 1767 bp

Locus ID: 23650

UniProt ID: [Q14134](#)

Cytogenetics: 11q23.3

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype. [provided by RefSeq, Jul 2008]