

Product datasheet for **SC310387**

TRIM22 (NM_006074) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM22 (NM_006074) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM22
Synonyms:	GPSTAF50; RNF94; STAF50
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006074 edited
 AGGAGTTTGTGACCAAGAACTTCAAGAGTCAAGACAGAAGGAAGCCAAGGGAGCAGTGCA
 ATGGATTTCTCAGTAAAGGTAGACATAGAGAAGGAGGTGACCTGCCCATCTGCCTGGAG
 CTCCTGACAGAACCTCTGAGCCTAGATTGTGGCCACAGCTTCTGCCAAGCCTGCATCACT
 GCAAAGATCAAGGAGTCAGTGATCATCTCAAGAGGGGAAAGCAGCTGTCTGTGTGCAG
 ACCAGATTCCAGCCTGGGAACCTCCGACCTAATCGGCATCTGGCCAACATAGTTGAGAGA
 GTCAAAGAGGTCAAGATGAGCCACAGGAGGGGCAGAAGAGAGATGTCTGTGAGCACCAT
 GGAAAAAAGCTCCAGATCTTCTGTAAGGAGGATGGAAAAAGTCATTTGCTGGGTTTGTGAA
 CTGTCTCAGGAACACCAAGGTCACCAAACATTCCGCATAAACGAGGTGGTCAAGGAATGT
 CAGGAAAAGCTGCAGGTAGCCCTGCAGAGGCTGATAAAGGAGGATCAAGAGGCTGAGAAG
 CTGGAAGATGACATCAGACAAGAGAGAACCCTGGAAGAATTATATCCAGATCGAGAGA
 CAGAAGATTCTGAAAGGGTTCAATGAAATGAGAGTCATCTGGACAATGAGGAGCAGAGA
 GAGCTGCAAAAAGCTGGAGGAAGGTGAGGTGAATGTCTGGATAACCTGGCAGCAGCTACA
 GACCAGCTGGTCCAGCAGAGGCAGGATGCCAGCACGCTCATCTCAGATCTCCAGCGGAGG
 TTGAGGGGATCGTCAGTAGAGATGCTGCAGGATGTGATTGACGTCATGAAAAGGAGTGAA
 AGCTGGACATTGAAGAAGCCAAAATCTGTTTCCAAGAACTAAAGAGTGTATTCCGAGTA
 CCAGATCTGAGTGGGATGCTGCAAGTTCTTAAAGAGCTGACAGATGTCCAGTACTACTGG
 GTGGACGTGATGCTGAATCCAGGCAGTGCCACTTCGAATGTTGCTATTTCTGTGGATCAG
 AGACAAGTGAAGACTGTACGCACCTGCACATTTAAGAATCAAATCCATGTGATTTTTCT
 GCTTTTGGTGTCTTCGGCTGCCAATATTTCTCTTCGGGAAAATATTACTGGGAAGTAGAT
 GTGTCTGGAAGATTGCCTGGATCCTGGGCGTACACAGTAAAATAAGTAGTCTGAATAAA
 AGGAAGAGCTCTGGGTTTGTCTTTGATCCAAGTGTAAATATTCAAAGTTTACTCCAGA
 TATAGACCTCAATATGGTACTGGGTTATAGGATTACAGAATACATGTAATATAATGCT
 TTTGAGGACTCCTCCTCTCTGATCCCAAGGTTTTGACTCTCTTTATGGCTGTGCCTCCC
 TGTCGTATTGGGTTTTCTAGACTATGAGGCAGGCATTGTCTCATTTTTCAATGCACA
 AACACGGAGCACTCATCTACAAGTTCTCTGGATGTCGCTTTTCTCGACCTGCTTATCCG
 TATTTCAATCCTTGAAGTGCCTAGTCCCCTGACTGTGTGCCCAAGGCTCCTGAGTG
 TTCTCATTCTTTACCCACTTCTGCATAGTAGCCCTTGTGCTGAGACTCAGATTCTGCAC
 CTGAGTTCATCTACTGAGACCATCTCTCTTTCTTTCCCTTCTTTACTTAGAATG
 TCTTTGTATTCAATTTGCTAGGGTTCATAGCAAAGCATCATAGATTGCTGATTTAACT
 GTAATTGTATTGCCGACTGTGGGCTGGAATCCCAAATCTAGATTCCAGCAGAGTTGGT
 TCTTTCTGAGGTCTGCAAGGAAGGGCTCTGTTCCATGCCTCTCTCTTGGCTTGTAGAAG
 GCATCTTGTCCCTATGACTCTTCACATTGTCTTTATGTACATCTCTGTGCCAAGTTTTCT
 CCTTTTTATTAAGACACCAGTCACTACTGGCTCAGGGCCACCCTAATGCCTTAATGAAA
 TCATTTTAAACATTATATTTCTCTACAAAGACCTTATTTCCAAATAAGATAATTTGGAGG
 TATTGGGAATAAAAAGCTCCAACATATAAATTTGAGGAAGGCACGATTTCACTCATAACAA
 TCTTACCCTTTCTTGAAGAGATGCTTGTACATATTTTCTTAACTTGGTTTCACTA
 GTAGTAAACATTATTTTTTTTTATATTTGCAAAGGAAACATATCTAATCCTTCTCTATA
 GAAAGAACAGTATTGCTGAATTCCTTTTCTTTTCTTCTCATTCTCTGCCCCTTAAA
 AGATTGAAGAAAGAGAACTTGTCAACTCATATCCACGTTATCTAGCAAAGTACATAAGA
 ATCTATCACTAAGTAATGTATCCTTCAAGATGTGTTGGTTTACCAGTGACACCCCATATT
 CATCACAAAATTAAGCAAGAAGTCCATAGTAATTTATTTGCTAATAGTGATTTTAAAT
 GCTCAGAGTTTCTGAGGTCAAATTTTATCTTTTCACTTACAAGCTCTATGATCTTAAATA
 ATTTACTTAATGTATTTTGGTGTATTTTCTCAAATTAATATTGGTGTTCAGACTATAT
 CTAATTCCTCTGATCACTTTGAGAAACAACTTTTATTAATGTAAGGCATTTTCTATG
 AATTTTAAATATAAAAAATAAATATTGTTCTGATTACTGAAAAAAAAAAAAAAAAAAC
 TCGAC

Restriction Sites: Please inquire
ACCN: NM_006074
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:	<ol style="list-style-type: none"> 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_006074.2</u> , <u>NP_006065.1</u>
RefSeq Size:	2815 bp
RefSeq ORF:	1329 bp
Locus ID:	10346
UniProt ID:	<u>Q8IYM9</u>
Cytogenetics:	11p15.4
Domains:	zf-B_box, RING
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<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 localizes to the cytoplasm and its expression is induced by interferon. The protein down-regulates transcription from the HIV-1 LTR promoter region, suggesting that function of this protein may be to mediate interferon's antiviral effects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>