

Product datasheet for **SC306464**

TRIM42 (NM_152616) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM42 (NM_152616) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM42
Synonyms:	PPP1R40; T4A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC306464 representing NM_152616.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAACTGCTATGTGCGTTTGTGTCATGTTGTACATGGCAGAGATGTTGTCCTCAGTTATGCTCC
TGCTGTGCTGCAAGTTTCATCTTCACTCAGAGCGGAACCTGCACCTGCTCCCTGCCCTTACAAAGAT
GAGCGGAAGTCCAGTTCTGCCACTGCACCTGTTCTGAGAGCCCCAACTGCCATTGGTGTGCTGCTCT
TGGGCCAATGATCCCACTGTAAGTGCTGCTGCACAGCCAGCAGCAATCTCAACTGCTACTACTATGAG
AGCCGCTGCTGCCGAATACCATCATCACTTTCCACAAGGGCCGCCTCAGGAGCATCCATACCTCCTCC
AAGACTGCCCTGCGCACTGGGAGCAGCGATACCCAGGTGGATGAAGTAAAGTCAATACGACCAACAGT
CACCTGGTGAACCACTCAATTGCCCATGTGCAGCCGGCTGCGCTGCACTCATTATGCTGCCCTGC
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ATCCTCATCTGCCAGTGTGCGACCGCTGCACTGCATGCCCTACAGCAACAAGATGCAGCTGCCGAG
AACTACCTGCACGGGCGTCTACCAAGCGCTACATGCAGGAGCAGCGCTACCTCAAGTGGCGCTTTGAC
CGCTCCTCCGGGCCCATCCTCTGCCAGGTCTGCCGCAACAAGCGCATCGCTTACAAGCGCTGCATACC
TGCCGCTCAACCTGTGCAACGACTGCCTCAAGGCCCTTCACTCGGATGTGGCCATGCAAGACCAGTC
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GAGTACTGCCGAATGACAACAAATTGCTCTGCACCTTCTGCAAGTTCTCTTTCCACAATGGCCACGAC
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GGCCAGGTGGCATTCTGCACTCAGCAAGATCCTGGTGGACCAGATCGAGGACGGCATCCAGACCACC
TACAGGCCTGACCCACAGCTCCGGCTGCACTCAATAAACTACGTGCCCTTGACTTTGTTGAGCTTTCC
AGTGCCATCCATGAGCTTTCCACAGGGCCCAAGAAGGTACGCTCCTCAGGGGACTCCTGCCCTCC
CCCTACCCCGTCACTCAGAAACAATGATTGCCAGGAAGGTCACTTTCAAGCCACAGCCTCGGCAAC
CAGCACATATACCAGCGAAGCTCCTCCATGTTGCTTCAAGCAACTGACAAGAAGGCCAAGGTGGGT
CTGGAGGCTGTGGGAGAGCCAGTCAGCCACCCCGCCAAACCCACAGACGGCCTTACACCTACTGG
AGTGCTGGAGCAGACAGCCAGTCTGTACAGAACAGCAGCAGCTTCCAACTGGTACTATTCAACGAT
GGCTCTGTGAAGACCCAGGCCAATTGTTATCTACCAGACTCTGGTGTACCCAAAGAGCTGCCAAGGTT
TACTGGACATGTCCAGCAGAAGAGCTGGACTCTTTGAGATGGAATTCTATGAAGTCATTACTTCTCCT
CCTAACACGTACAAATGGAGCTCTGTGGACAAATTCGGGACATAATGCAGCAAAATCTGGAGCTGCAC
AACCTGACCCCAACACAGAATACGTGTTTAAAGTTAGAGCCATCAATGATAATGGTCTGGGCAATGG
AGTGATATCTGCAAGGTGGTAACACCAGATGGACATGGGAAGAACCAGAGCTAAGTGGGGCCTGCTGAAG
AATATCCAGTCTGCCCTCCAGAAGCACTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_152616

Insert Size:

2172 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:	<u>NM_152616.4</u>
RefSeq Size:	2568 bp
RefSeq ORF:	2172 bp
Locus ID:	287015
UniProt ID:	<u>Q8IWZ5</u>
Cytogenetics:	3q23
MW:	82.7 kDa
Gene Summary:	This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, namely a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq, Jul 2008]