

Product datasheet for **SC332426**

TRIM46 (NM_001256601) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM46 (NM_001256601) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM46
Synonyms:	GENEY; TRIFIC
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332426 representing NM_001256601.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGGCGAAGGGGAATGGGTTGACCAGCATGAAGAACATGGAGAAGGAACTGCTGTGCCCAGTGTGT
CAAGAGATGTACAAGCAGCCACTGGTGTGCCCTGTACCCACAACGTGTGCCAGGCTGTGCCCGAGAG
GTCTTGGGCCAGCAGGGCTACATAGGACATGGTGGGACCACAGCTCCGAGCCCACCTCTCCTGCCTCC
ACCCCTTCCACCCGACGCCCCCGCTCTCCCGCAGAAGCTCTCCCAAGCCAGACCCGCTGGACCGGCTG
CTTAAGTCAGGCTTTGGGACATACCCTGGGAGGAAGCGAGGTGCTTTGCACCCCAAGTGATCATGTTC
CCGTGCCCAGCCTGCCAAGGTGATGTGGAGCTTGGGGAGCGGGTCTGGCAGGGCTTTCCGGAACCTG
ACCCTGGAGCGTGTGGTGGAGCGGTACC GCCAGAGTGTGAGTGTGGGAGGTGCCATCCTGTGCCAGTTG
TGCAAGCCCCCACCCTAGAGGCCACCAAGGGCTGCACAGAGTGCCGCGCCACCTTCTGCAATGAGTGC
TTCAAGCTCTTCCACCCCTGGGGCACCAGAAGGCCAGCATGAGCCACCCTGCCTACCCTCTCCTTC
CGACCCAAAGGCTTATGTGCCAGACCACAAGGAAGAGGTGACCCACTACTGCAAGACATGCCAACGC
CTGGTATGTCAACTCTGCCGGTGC GGCGCACCCACAGCGGGCACAAGATCACACCAGTGTCTCAGTGCC
TACCAGGCCCTCAAGACAAGCTGACAAAGAGCCTGACATACATCCTGGGAAACCAGGACACGGTACAG
ACCCAGATCTGTGAGCTGGAGGAGGCCGTGAGGCACACCGAGGTGAGTGGTCAGCAGGCCAAGGAGGAG
GTGTCGACAGTGGTGC GGGGCTGGGGCTGTGCTGGAGGAGAAGCGGGCATCACTGCTTACGGCCATT
GAAGAATGCCAGCAGGAGCGGCTGGCCCGTCTCAGCGCCAGATCCAGGAGCACC GGAGCCTGTGGAT
GGCTCAGGTCTGGTGGGCTATGCCCAGGAAGTACTTAAGGAAACAGACCAGCCTTGTCTTGTGCAAGCC
GCCAAGCAGCTGCACAACAGGATTGCCCGAGCCACTGAAGCCCTCCAGACATCCGGCCAGCTGCCAGC
TCCTCCTCCGCCATTGCCAGCTCGACGTGGGACGTGAGATGAAGCTGCTGACAGAGCTTAACTTCCTG
CGAGTGCCTGAGCCCCCGTATTGACACCCAGCGCACCTTTGCCTATGATCAGATCTTCTGTGCTGG
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CAGCCAGGCCCCACCCGCTGGCAGCGGGGAGGAGGTGAGGGGCACAGTGCCTGCTTGAGAACCCC
GACACGGGCTCTGTGTATGTGCTGCGTGTCCGCGCTGCAACAAGGCCGGCTACGGCGAATACAGTGAA
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CAGGGCCGACGCTACTGGCCTGCGCCGTAGACCCAGCCTCTACTTGGTCAAGTGGGCGTGGGGCTG
GAGAGCAAGCTTCAAGAAAGTTCCAGGGTGCCCCGATGTGATCAGCCCCAGGTACGACCCGGACAGC
GGGCACGACAGCGGTGCCGAGGATGCCACAGTGGAGGCGTGCACCCCTTCGCTTTCCTAACCATTGGC
ATGGGCAAGATCCTGCTGGGGTGGGGGCAAGCTCAAACGAGGGCTGACAGGGAGGATGGCCCCACA
GCCGGCTGCACAGTGCCTGCCACCCCGCTGGGCATCTGCCTGGACTATGAGCGGGGCGGGTTTCC
TTCTGGATGCTGTTTCCCTTCCGTGGGCTCTTGGAGTGCCTTGGACTGCTCAGGGCTGTGTGCCCT
GCCTTTTGCTTACATCGGGGGTGGCGCAGTACAGCTCCAGGAGCCAGTGGGCACTAAGCCTGAGAGGAAA
GTCACCATTGGGGGCTTCGCCAAGCTGGACTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001256601

Insert Size: 2241 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).

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:	NM_001256601.1
RefSeq Size:	3082 bp
RefSeq ORF:	2241 bp
Locus ID:	80128
UniProt ID:	Q7Z4K8
Cytogenetics:	1q22
Protein Families:	Druggable Genome
MW:	81.8 kDa
Gene Summary:	<p>Microtubule-associated protein that is involved in the formation of parallel microtubule bundles linked by cross-bridges in the proximal axon. Required for the uniform orientation and maintenance of the parallel microtubule fascicles, which are important for efficient cargo delivery and trafficking in axons. Thereby also required for proper axon specification, the establishment of neuronal polarity and proper neuronal migration.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (4) is shorter and has a distinct N-terminus, compared to isoform 1.</p>