

Product datasheet for **SC332425**

TRIM46 (NM_001256600) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | TRIM46 (NM_001256600) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | TRIM46 |
| Synonyms: | GENEY; TRIFIC |
| Vector: | pCMV6-Entry (PS100001) |



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Fully Sequenced ORF: >SC332425 representing NM_001256600.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTGCGAAGAGAGGGACCAAGACCAGCATGAAGAACATGGAGAAGGAACTGCTGTGCCCAGTGTGT
CAAGAGATGTACAAGCAGCCACTGGTGTGCCCTGTACCCACAACGTGTGCCAGGCTGTGCCCGAGAG
GTCTTGGGCCAGCAGGGCTACATAGGACATGGTGGGGACCCAGCTCCGAGCCCACCTCTCCTGCCTCC
ACCCCTTCCACCCGACGCCCCCGCTCTCCCGCAGAAGCTCTCCCAAGCCAGACCCGCTGGACCGGCTG
CTTAAGTCAGGCTTTGGGACATACCCTGGGAGGAAGCGAGGTGCTTTGCACCCCAAGTGATCATGTTC
CCGTGCCCAGCCTGCCAAGGTGATGTGGAGCTTGGGGAGCGGGGTCTGGCAGGGCTTTCCGGAACCTG
ACCCTGGAGCGTGTGGTGGAGCGGTACC GCCAGAGTGTGAGTGTGGGAGGTGCCATCCTGTGCCAGTTG
TGCAAGCCCCACCCTAGAGGCCACCAAGGGCTGCACAGAGTGCCGCGCCACCTTCTGCAATGAGTGC
TTCAAGCTCTTCCACCCCTGGGGCACCCAGAAGGCCAGCATGAGCCACCCTGCCTACCCTCTCCTTC
CGACCCAAAGGGCCTTATGTGCCAGACCACAAGGAAGAGGTGACCCACTACTGCAAGACATGCCAACGC
CTGGTATGTCAACTCTGCCGGTGC GGCGCACCCACAGCGGGCACAAGATCACACCAGTGTCTCAGTGCC
TACCAGGCCCTCAAGGACAAGCTGACAAAGAGCCTGACATACATCCTGGGAAACCAGGACACGGTACAG
ACCCAGATCTGTGAGCTGGAGGAGAAGCGGGCATCACTGCTT CAGGCCATTGAAGAAATGCCAGCAGGAG
CGGCTGGCCCGTCTCAGCGCCCAGATCCAGGAGCACCGGAGCCTGCTGGATGGCTCAGGTCTGGTGGGC
TATGCCAGGAAGTACTTAAGGAAAACAGACCAGCCTTGCTTTGTGCAAGCCGCAAGCAGCTGCACAAC
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CCACCTGCCTGGCACTATACCGTTGAGTCCGGCGCACGGATGTGCTGCTCAGCCAGGCCCCACCCGC
TGGCAGCGGGGAGGAGGTGAGGGGCACCAAGTGCCTGCTT GAGAACCCGACACGGGCTGTGTAT
GTGCTGCGTGTCCGCGGCTGCAACAAGGCCGGCTACGGCGAATACAGTGAAGATGTGCACCTGCACACG
CCCCCGCACCTGTCTGCACTTCTTCTCGATAGCCGCTGGGGCGCAAGCCGAGAGCGGCTGGCTATC
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GCCTGCGCGTAGACCCAGCCTCTACTTGGTCAAGGTGGGCGTGGGCTGGAGAGCAAGCTTCAAGAA
AGTTTCCAGGGTCCCCCGATGTGATCAGCCCCAGGTACGACCCGACAGCGGGCAGCAGCGGTGCC
GAGGATGCCACAGTGGAGGCGTCCACCCTTCGCTTTCTAACCATTGGCATGGGAAGATCCTGCTG
GGGTGCGGGGCAAGCTCAAACGCAGGGCTGACAGGGAGGGATGGCCCCACAGCCGCTGCACAGTGCC
CTGCCACCCCGCTGGGATCTGCCTGGACTATGAGCGGGGCGGGTTTCTTCTCGATGCTGTTTCC
TTCCGTGGGCTCTTGGAGTGCCCTGGACTGCTCAGGGCCTGTGTGCCCTGCCTTTTGCTTCATCGGG
GGTGGCGCAGTACAGCTCCAGGAGCCAGTGGGCACTAAGCCTGAGAGGAAAGTACCATTGGGGGCTTC
GCCAAGCTGGACTGA
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001256600

Insert Size: 2154 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).

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| 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_001256600.1 |
| RefSeq Size: | 3195 bp |
| RefSeq ORF: | 2154 bp |
| Locus ID: | 80128 |
| UniProt ID: | Q7Z4K8 |
| Cytogenetics: | 1q22 |
| Protein Families: | Druggable Genome |
| MW: | 78.8 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 (3) contains an alternate exon in the 5' region, initiates translation at an alternate start codon and uses two alternate in-frame splice sites in the coding region, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.</p> |