OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC105792

TRAF7 (NM_032271) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAF7 (NM_032271) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAF7
Synonyms:	CAFDADD; RFWD1; RNF119
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC105792 sequence for NM_032271 edited (data generated by NextGen Sequencing)

ATGAGCTCAGGCAAGAGTGCCCGCTACAACCGCTTCTCCGGGGGGCCCAGCAATCTTCCC
ACCCCAGACGTCACCACAGGGACCAGAATGGAAACGACCTTCGGACCCGCCTTTTCAGCC
GTCACCACCATCACAAAAGCTGACGGGACCAGCACCTACAAGCAGCACTGCAGGACACCC
TCCTCCTCCAGCACCCTTGCCTACTCCCCGCGGGACGAGGAGGACAGCATGCCCCCCATC
AGCACTCCCCGCCGCTCCGACTCCGCCATCTCTGTCCGCTCCCTGCACTCAGAGTCCAGC
ATGTCTCTGCGCTCCACATTCTCACTGCCCGAGGAGGAGGAGGAGCCGGAGCCACTGGTG
TTTGCGGAGCAGCCCTCGGTGAAGCTGTGCTGTCAGCTCTGCTGCAGCGTCTTCAAAGAC
CCCGTGATCACCACGTGTGGGCACACGTTCTGTAGGAGATGCGCCTTGAAGTCAGAGAAG
TGTCCCGTGGACAACGTCAAACTGACCGTGGTGGTGAACAACATCGCGGTGGCCGAGCAG
ATCGGGGAGCTCTTCATCCACTGCCGGCACGGCTGCCGGGTAGCGGGCAGCGGGAAGCCC
CCCATCTTTGAGGTGGACCCCCGAGGGTGCCCCTTCACCATCAAGCTCAGCGCCCGGAAG
GACCACGAGGGCAGCTGTGACTACAGGCCTGTGCGGTGTCCCAACAACCCCAGCTGCCCC
CCGCTGCTCAGGATGAACCTGGAGGCCCACCTCAAGGAGTGCGAGCACATCAAATGCCCC
CACTCCAAGTACGGGTGCACGTTCATCGGGAACCAGGACACTTACGAGACCCACCTGGAG
ACTTGCCGCTTCGAGGGCCTGAAGGAGTTTCTGCAGCAGACGGATGACCGCTTCCACGAG
ATGCACGTGGCTCTGGCCCAGAAGGACCAGGAGATCGCCTTCCTGCGCTCCATGCTGGGA
AAGCTCTCGGAGAAGATCGACCAGCTAGAGAAGAGCCTGGAGCTCAAGTTTGACGTCCTG
GACGAAAACCAGAGCAAGCTCAGCGAGGACCTCATGGAGTTCCGGCGGGACGCATCCATG
TTAAATGACGAGCTGTCCCACATCAACGCGCGGCTGAACATGGGCATCCTAGGCTCCTAC
GACCCTCAGCAGATCTTCAAGTGCAAAGGGACCTTTGTGGGCCACCAGGGCCCTGTGTGG
TGTCTCTGCGTCTACTCCATGGGTGACCTGCTCTTCAGTGGCTCCTCTGACAAGACCATC
AAGGTGTGGGACACATGTACCACCTACAAGTGTCAGAAGACACTGGAGGGCCATGATGGC
ATCGTGCTGGCTCTCTGCATCCAGGGGTGCAAACTCTACAGCGGCTCTGCAGACTGCACC
ATCATTGTGTGGGACATCCAGAACCTGCAGAAGGTGAACACCATCCGGGCCCATGACAAC
CCGGTGTGCACGCTGGTCTCCTCACACAACGTGCTCTTCAGCGGCTCCCTGAAGGCCATC
AAGGTCTGGGACATCGTGGGCACTGAGCTGAAGTTGAAGAAGGAGCTCACAGGCCTCAAC
CACTGGGTGCGGGCCCTGGTGGCTGCCCAGAGCTACCTGTACAGCGGCTCCTACCAGACA
ATCAAGATCTGGGACATCCGAACCCTTGACTGCATCCACGTCCTGCAGACGTCTGGTGGC
AGCGTCTACTCCATTGCTGTGACAAATCACCACATTGTCTGTGGCACCTACGAGAACCTC
ATCCACGTGTGGGACATTGAGTCCAAGGAGCAGGTGCGGACCCTCACGGGCCACGTGGGC
ACCGTGTATGCCCTGGCGGTCATCTCGACGCCAGACCAGACCAAAGTCTTCAGTGCATCC
TACGACCGGTCCCTCAGGGTCTGGAGTATGGACAACATGATCTGCACGCAGACCCTGCTG
CGTCACCAGGGCAGTGTCACCGCGCTGGCTGTGTCCCGGGGCCGACTCTTCTCAGGGGCT
GTGGATAGCACTGTGAAGGTTTGGACTTGCTAA

Clone variation with respect to NM_032271.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032271 unedited
CCCTCTGCATACGCCTACTATAGGCGGCCGCGCATTCGGCACGAGGGCGGGAGGTGCTTC
CCAGGAACCGTAGATGCCTCTCTAGAGCATGAGCTCAGGCAAGAGTGCCCGCTACAACCG
CTTCTCCGGGGGGCCCAGCAATCTTCCCACCCCAGACGTCACCACAGGGTACCAGAACGG
AAACGACCTTCGGACCCGCCTTTTCAGCCGTCACCACCATCACAAAAGCTGACGGGACCA
GCACCTACAAGCAGCACTGCAGGACACCCTCCTCCTCCAGCACCCTTGCCTACTCCCCGC
GGGACGAGGAGGACAGCATGCCCCCCATCAGCACTCCCCGCCGTTCCGACTCCGCCATCT
CTGTCCGCTCCCTGCACTCAGAGCCCACCATGCCTCTGCCCTCCACATTCTCACTGCCCG
AGGAGGAGGAGGAGCCGGACCCACCTGGTGTTTGCGGAGCAGCCCTCGGTGAAGCTGTGC
TGACAGCTCTGCTGCAGCCGCCTTCAAAAGACCCCGTGATCACCCACGTGTGGGCACACG
TTCTGTAGGAGATGCGCCTTGAAGTCAGAGAAAGTGTCCCGTGGACAACGTCAAACTGAC
CGTGGTGGTGAACAAACATCGCGCCGGCCCGAGCAGATCGGCGAGCTCTTCATCCCCTGC
CCGCACCGCTGCCGGGCACCGCCCAATGGGAAGCCCCCCATTTTGAGGCGGCCCCCCCGA
GGTGCCCCTTCCCCTCAAGCTCAACGCCCCGAAAGACCACGAGGGCCCCTGTGACTACCG
CCCTGGGCGGGGTCCCAACAACCCAAGTGGCCTCGTTGCCCAAGATGAACCTGGAGGCCC
CCTTTCAGGAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032271 unedited
GGGAGACGCCCACCTTTTNNNNNNNNTTCGTGNACCGGGCGCATTTANATCGGTTTTTTT
TTTTTTTTTTTCCAGTCTGGGACTTTATTTACCGGAGGACCAATCTACATACAGTCTAAA
AACGGAGAAAAGGTGAGTAAAAGGCCCTCGCTCCATCTAGGTGGGGATGGAGGGTGGGGA
TGGAGGGGGCCGGGCAAGCGTCTACCTGGCCCCAGAGAGGGGCTGGGCACAGGACAGTGC
CGATAGAGGGAGCTCGCCGAGCATGGGACGGGAGGGCACTGCCCGGCTGCCAGACCTGTC
CACCTATGCCCACGGCAGCAGAAACCCCGAACCCCCCATGTGGCCAGCCTGCTCAGAAGG
TCCGGGCTGGTTAGGGGAAACCACAGCCTGGCCTGGACCTGTNAGCAAGTCCAACCTTCA
CAGTGCTATCCACAGCCCCTGAGAAGAGTGGCCCCGGGACACAGCCAGCGCGGTGACACT
GCCCTGGTGACGCAGCAGGGTCTGCGTGCAGATCATGTTGTCCATACTCCAGACCCTGAN
GGACNCGTCGTANGATGCACTGAAGACTTTTGTCTGGTCTGGCGTCCAGATGACCGCCAG
GGCATACACGGTGCCCACGTGGCCCGTGAGGGTCCGCACCTGCTTCCTTGACTCAATGTC
CACACGTGGATGAGGTTCTCGTAAGTGCCCAGACCATGTTGTGATTTGTCACAGCCATGG
AGTAAACGCTGCCCCCAAACGTCTTGCAGACTTGATGCATTCAAGGGTTCGGATGTCCCA
AACTTGATTGGTTTGGAGGAACCCCTGTCCAAGTACTTTTGGCACCACCCAGGCCCCGCA
CCCCTGGTTGAGGCCCTGGGACTCTCTTTTCAACTTAATTAAAGGCCCACAATGTCCCAA
CCCTGTTGGCCTTTAGGAACCCCCTTAAAAACCCTTTTGTGTAGGAAACCACGTGTCACA
CCGTTTTCATTGGCCCCCG

Restriction Sites: NotI-NotI

ACCN: NM_032271

Insert Size: 2640 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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_032271.2, NP_115647.2

RefSeq Size: 3676 bp

RefSeq ORF: 2013 bp

Locus ID: 84231

UniProt ID: Q6Q0C0

Cytogenetics: 16p13.3

Domains: zf-TRAF, WD40, RING

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: Tumor necrosis factor (TNF; see MIM 191160) receptor-associated factors, such as TRAF7, are signal transducers for members of the TNF receptor superfamily (see MIM 191190). TRAFs are composed of an N-terminal cysteine/histidine-rich region containing zinc RING and/or zinc finger motifs; a coiled-coil (leucine zipper) motif; and a homologous region that defines the TRAF family, the TRAF domain, which is involved in self-association and receptor binding. [supplied by OMIM, Apr 2004]