

Product datasheet for **RG215162**

TRAF7 (NM_032271) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAF7 (NM_032271) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRAF7
Synonyms:	CAFDADD; RFWD1; RNF119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG215162 representing NM_032271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCTCAGGCAAGAGTGCCCGCTACAACCGTTCTCCGGGGGGCCAGCAATCTTCCCACCCAGACG
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 TGACGGGACCAGCACCTACAAGCAGCACTGCAGGACACCCCTCCTCCTCCAGCACCCCTTGCTACTCCCCG
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 CCCTGCACTCAGAGTCCAGCATGTCTCTGCGCTCCACATTCTCACTGCCGAGGAGGAGGAGGCCGGA
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 GACAACATGATCTGCACGCAGACCCTGCTGCGTACCAGGGCAGTGTACCCGCGCTGGCTGTGTCCCGGG
 GCCGACTTTCTCAGGGGCTGTGGATAGCACTGTGAAGTTTGGACTTGC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG215162 representing NM_032271
 Red=Cloning site Green=Tags(s)

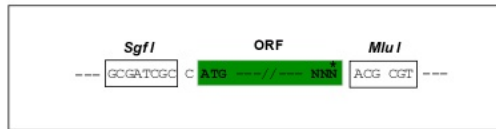
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VLFSGSLKAIKVWDIVGTELKLLKELTGLNHWVRALVAAQSYLYSGSYQTIKIWDIRTLDCIHVLQTS GG
SVYSIAVTNHHIVCGTYENLIHVWDIESKEQVRTLTGHVGTVYALAVISTPDQTKVFSASYDRSLRVWSM
DNMICTQTLRLRHQGSVTALAVSRGRLFSGAVDSTVKVWTC
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_032271

ORF Size: 2010 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_032271.3](#)

RefSeq Size: 3676 bp

RefSeq ORF: 2013 bp

Locus ID: 84231

UniProt ID: [Q6Q0C0](#)

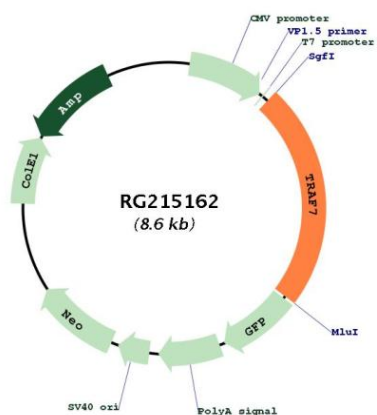
Cytogenetics: 16p13.3

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]

Product images:



Circular map for RG215162