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 RC239414

TRIM67 (NM_001300889) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM67 (NM_001300889) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM67
Synonyms:	TNL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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ORF Nucleotide Sequence:

>RC239414 representing NM_001300889
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGAAGAGCTGAAGTGTCCCGTGTGCGGCTCTCTGTTTCGGGAGCCTATCATCCTGCCCTGTTCCC
ACAATGTCTGCCTGCCTTGCGCTCGCACCATCGCGGTGCAGACCCCGGACGGCGGGAGTGCAGCTGGCGG
CCTCGGCGGCGGTGCGGGAGGTGGCGGAGACCACGCGGACAAGCTCAGCTTGTACAGCGAGACAGACAGC
GGCTACGGGTCCTACACCCCGAGCCTCAAGTCCCCCAACGGGGTTCGCGTGCTGCCCATGGTGCCCGCAC
CACCCGGCTCCTCGGCTGCGGCGGCTCGGGGTGCCGCCTGCTCCTCGCTGTCCTCGTCTTCGAGCTCCAT
CACGTGCCCGCAGTGCCACCGCAGCGCATCCCTGGACCACCGCGGCCTGCGCGGCTTCCAGCGCAACCGG
CTGCTCGAGGCCATCGTGCAGCGGTACCAGCAGGGCCGCGGGGCCGTGCCGGGGACGTCTGCAGCCGCGG
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GGCGCCCCCAGCGGAGGCGGCGGCTGCAAGAGCCCGGGAGGCGCGGGGGCGGGGGCGACTGGGGGCAGCA
CGGCCCGCAAGTTCCCCACGTGTCCCGAGCATGAAATGGAGAACTACAGCATGTACTGCGTGAGCTGTCG
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ATGTGGAAGCAGCACAAGGCACAACTATCTCAGGCCTTAAATGGAGTTTCAGATAAGGCAAAGGAAGCAA
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ACTAAAGAGAGGGAACACAAGTTGAAGATGGTTTGGGACCAGATCAATCACTGCACATTGAAGCTGCGTC
AGTCCACCGGACTGATGGAGTACTGCCTGGAGGTGATCAAGGAGAACGACCCCTCCGGGTTCTTACAGAT
CTCAGATGCTCTGATCAAGCGCGTCCAGGTGTCTCAGGAGCAGTGGGTCAAAGGCGCCCTGGAGCCGAAA
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GGGCCACCGTGGGCGTGCTGCTGGACCTGAATAAGCACACTCTCACCTTCTTCATCAACGGGCAGCAGCA
GGGCCCCACAGCCTTCAGCCACGTGGACGGGGTCTTCATGCCAGCCCTCAGCCTCAACCGCAACGTGCAG
GTCACCCTGCACACAGGATTGGAAGTGCCGACTAACCTGGGGCGGCCAAAGCTGTCAGGCAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239414 representing NM_001300889
Red=Cloning site Green=Tags(s)

MEEELKCPVCGSLFREPIILPCSHNVCLPCARTIAVQTPDGGSAAGGLGGGAGGGGDHADKLSLYSETDS
GYGSYTPSLKSPNGVRVLPMVPAPPGSSAAAARGAACSSLSSSSSSITCPQCHRSASLDHRGLRGFQRNR
LLEAIVQRYQQGRGAVPGTSAAAAVAICQLCDRTPPEPAATLCEQCDVLYCSACQLKCHPSRGPFAKHRL
GAPSGGGGCKSPGGAGAGATGGSTARKFPTCPEHEMENYSMYCVSCRTPVCYLCLEEGRHAKHEVKPLGA
MWKQHKAQLSQALNGVSDKAKEAKEFLVQLKNILQQIQENGLDYEACLVAQCDALVDALTRQKAKLLTKV
TKEREHKLKMVWDQINHCTLKLRQSTGLMEYCLEVIKENDPSGFLQISDALIKRVQVSQEQWVKGALEPK
VSAEFDLTLDSEPLLQAIHQLDFIQMKCRVPPVPLLQLEKCCTRNNSVTLAWRMPPFTHSPVDGYILELD
DGAGGQFREVYVGKETLCTIDGLHFNSTYNARVKAFNSSGVGPYSKTVVLQTSDVAWFTFDPNSGHRDII
LSNDNQTATCSSYDDRVVLGTAAFSKGVHYWELHVDRYDNHPDPAFGVARASVVKDMMLGKDDKAWAMYV
DNNRSWFMHCNSHTNRTEGGVCKGATVGVLLDLNKHTLTFFINGQQQGPTAFSHVDGVFMPALSLNRNVQ
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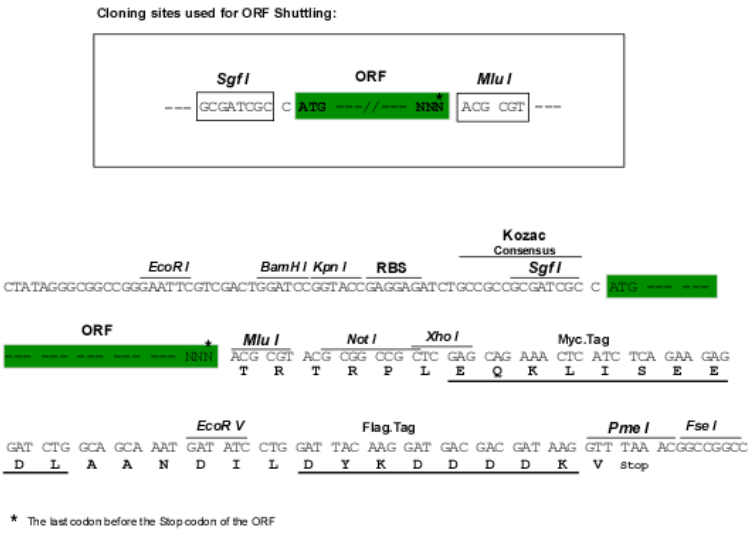
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001300889

ORF Size: 2163 bp

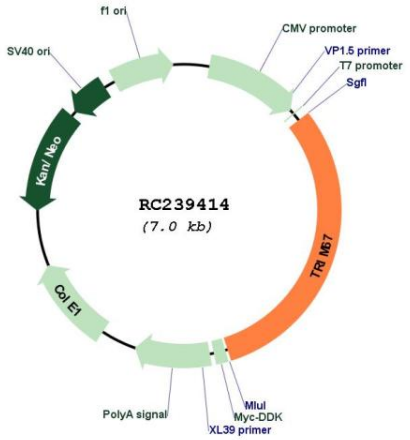
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001300889.2
RefSeq Size:	8336 bp
RefSeq ORF:	2166 bp
Locus ID:	440730
UniProt ID:	Q6ZTA4
Cytogenetics:	1q42.2
Protein Families:	Druggable Genome
MW:	78.5 kDa

Product images:



Circular map for RC239414