

Product datasheet for **RG226987**

TRIM64 (NM_001136486) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRIM64
Synonyms:	C11orf28; TRIM64A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG226987 representing NM_001136486
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATTGAGACGACCTGCAAGTCTTCCAGAATGAGCTCATTGCTGCATTTGCGTGAACACTTTCATAG
 ATCCGGTCACCATTTGACTGTGGGCACAGCTTTTGCAGGCCCTGCCTCTGCCTCTGCTCAGAAGAAGGCAG
 AGCACCAATGCGCTGCCCTTCGTGCAGAAAAATCTCAGAGAAGCCCACTTCAACACCAATGTGGTACTC
 AAAAAGCTGTCTTCCCTAGCCAGACAGACCAGACCTCAGAACATCAACAGCTCAGACAATATCTGTGTGC
 TCCATGAGGAGACTAAGGAGCTCTTCTGTGAGGCTGACAAGAGATTGCTCTGTGGGCCCTGCTCTGAGTC
 ACCAGAGCACATGGCTCACAGCCACAGCCCAATAGGATGGGCTGCTGAGGAATGCAGGGAGAACTTATA
 AAGGAAATGGACTATTTATGGGAAATCAATCAAGAGACAAGAAACAATCTAAATCAGGAACTAGAACAT
 TTCATTCGTAAAGGACTATGTGTGAGTAAGGAAGAGGATAATCACTATTCAATATCAAAAGATGCCTAT
 ATTTCTCGATGAGGAGGAGCAACGGCATCTGCAGGCACTGGAAGAGAAGCAGAAGAGCTTTTCCAACAA
 CTACAAGACAGTCAAGTGAGAAATGACCAACATTTAGAAAGGATGAAAGACATGTACAGAGAGCTGTGGG
 AGACATGCCACGTGCCTGACGTGGAGCTGCTCCAGGATGTGAGAAATGTATCAGCAAGGACTGATTTGGC
 ACAGATGCAAAAGCCCCAGCCAGTGAACCCAGAGCTCACTTCATGGTGCATAACTGGAGTCTTAGACATG
 CTCAACAACTTCAGAGTGGATAGTGCTCTGAGCACGGAATGATTCTTCTGCTATATAAGCCTTTCTGAGG
 ATGTGAGATATGTGATATTTGAGATGACCATCTCAGTGCTCCACGGATCCCCAGGGAGTGGACAGCTT
 TGCTGTGTGGGAGCGCAAGCATTACCTCCGGCAAGCATTACTGGGAGGTGGATGTGACCTCTCCTCC
 AACTGGATTCTGGGAGTCTGTCAAGATTCCAGGACTGCAGATGCCAATTTCTGTTATTGATTCTGATGAAA
 GATTTTTTTTAAATTTCTCAAGAGGAGCAATCACTATAGTCTCTCCACCAACTCTCCACCTTTAATTCA
 GTATGTGCAAGGCCTCTGGGTCAAGTTGGGGTGTCTTCTGGATTATGATAATGGATCTGTGAGTTTTTTT
 GATGTTTCTAAAGTTCTCTTATCTATGGTTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
 TTTGCTTTGGTTGTACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG226987 representing NM_001136486
 Red=Cloning site Green=Tags(s)

MSDDLQVFQNELICICVNYFIDPVTIDCGHSFCRPCLCLCSEEGRAPMRCPSCKRISEKPNFNTNVVL
 KKLSSARQTRPQINSSDNICVLHEETKELFCEADKRLLCGPCSESPHEMAHSHSPIGWAAEECREKLI
 KEMDYLWEINQETRNNLNQETRTHSLKDYVSVRKRIITIQYQKMPIFLDEEEQRHLQALEREAEELFQQ
 LQDSQVRMTQHLERMKDMYRELWETCHVPDVELLDVVRNVSARTDLAQMKPQPVNPELTSWCITGVLDL
 LNNFRVDSALSTEMIPCYSILSEDVRYVIFGDDHLSAPTDPGQVDSFAVWGAQFTSGKHYWEVDVTLSS
 NWILGVCQDSRTADANFVIDSDERFFLISSKRSNHYSLSSTNSPPLIQYVQRPLGQVGVFLDYDNGSVSFF
 DVSKGSLIYGFPSSFSPLRPFFCFGCT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001136486

ORF Size: 1347 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).

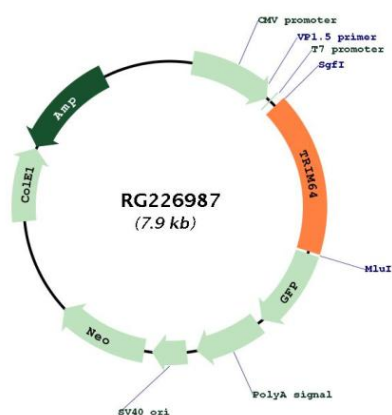
Reconstitution Method:

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_001136486.1](#), [NP_001129958.1](#)

RefSeq Size:	1533 bp
RefSeq ORF:	1350 bp
Locus ID:	120146
UniProt ID:	<u>A6NGJ6</u>
Cytogenetics:	11q14.3
Protein Families:	Druggable Genome

Product images:


Circular map for RG226987