

Product datasheet for **MC219002**

Trim47 (NM_172570) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim47 (NM_172570) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim47
Synonyms:	2210023F24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219002 representing NM_172570
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGGCAGCGGGCCTTTAGCTGCCCATCTGCCTGGAACCGCTCCGGGAGCCGGTGACACTACCT
 GCGGCCACAACCTCTGCCTCGCTTGCCTGGGCGCTCTCTGGCCGACCGAGCGCGGGCGCACCGTGG
 TTCCGGAGGTCCAGCTCGCTGTCCACTTTGTCAGGAGCCTTTCCCGACGGCCTGCAGCTCCGCAAGAAC
 CACACGCTGTCCGAGTTGCTGCAGCTCCGCCAGGGCTCGGTCCCGGACCCATGTCCGCCCGGCTTCAG
 GATCGACCCGGGCGCCACGCCGAGCCCTCCGCGCCAGCGCACCCCTCCGGCTCCGGAACCATCGGC
 TCCCTGCGCGCCGAGCAGTGGCCCGGGGTGAGGAGCCGGTGCCTGCGACGCGTGCCCGAGGGCGCC
 GCCCTGCCCGCCGCTCTTTGCTCTCCTGCCTCGCTCCTTCTGCTCCGCGCATCTGCCCGCCACG
 AACGCAGCCCCCTGCGCGGCCACCCCTGGTCCCGCTGCGCCGACTTGAGGAGAGCCTGTGTCC
 GCGCCACTGCGGCTCTGGAGCGCTACTGTGCGGTGGAGCGTGTGTGCCTTTGGAGGCTGTGCCACT
 CAGGACCATCGCGGCCACGAGCTCGTGCCTGGAGCAGGAGCGCGCTTCAGGAGGTGGAGCAGTCCA
 AAGTCCTGAGCGCTGCGGAGGACCGCATGGATGAACTGGGTGCCGGCATCGCACAGTCCCGCCGACTGT
 GGCCCTCATCAAGAGTGCAGCTGTGGCAGAGCGGGAGAGGGTGAGCCAGATGTTTGCCGAGGCCACAGCC
 ACCCTTCAGAGTTCCAGAACGAGGTGATGGGGTTCAATCGAAGAGGGAGAGGCCACAATGTTGGGCGGT
 CCCAGGGTGACCTGCGTAGACAAGAGGAACAGCGCAGCCGCTAAGCAAGGCACGGCACAACTCGGTCA
 GGTTCCAGAGGCGGATTCAGTCAGCTTTCTCCAGGAGCTCCTGGCACTACGGCTGGCCCTGGAGGAGGG
 TGCGGCCCGGGCCTGGGCCCGCCAGGAACTCAGCTTACCAAGTCTCCAGGTGGTCAAAGCGGTGA
 GAGACACCTCATCTCAGCTGTGCCAGCCAGTGGGAGCAGCTGCGGGGCTGGGCAGCAATGAGGATGG
 GCTACAGAAACTCGGCTCAGAAGATGTGGAGTCCAGGACCCTGACAGTACCAGCCTGCTGGAGAGTGAG
 GCCCCAGGGATTACTTCTCAAGTTTGCTTACATCGTGGACCTGGACAGCGACACCGCGGACAAGTTCC
 TGCAGCTTTTTGGAATAAAGGTGTCAAGAGAGTACTGTGCCATCAACTACCGGAGTCAACCCCG
 CTTACACACTGCGAGCAGGTGCTAGGAGAGGGCGCCCTGGACCGGGCACCTACTACTGGGAGGTGGAG
 ATCATCGAAGGATGGGTGAGTGTGGGAGTATGGCCGAGGGCTTCTCCCGCAAGAGCCCTATGACCGGG
 GCCGGCTGGGCCGCAATGCACACTCATGCTGTCTGCAGTGAATGGGCGTGGCTTCTCAGTCTGGTTCTG
 CGGGCTGGAGGCCCGCTACCCCATGCCTTTTCGCTACAGTCCGGGTCTGCCTAGAGTATGCAGACCAT
 GCCCTGGCCTTCTATGCTGTCCGAGACGAAAGCTGAGCCTTCTCGGAGGCTCAAAGCCTCCCGGCTC
 GCCGCAGCGGTGCTCTGGCTCCCGACTGACCCCTTTTCAGAGTGCCTGGACAGCCATTTTCCGGGCT
 CTTCAACCACAGGCTCAAGCCTGCCTTCTCCTGGAGAGTGTGGACGCCCATCTGCAGATTGGACCTCTC
 AAGAAATCGTGCATAACCGTGTGAAGAGGAG**TGA**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_172570
Insert Size: 1926 bp

OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	<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_172570.5 , NP_766158.3
RefSeq Size:	2192 bp
RefSeq ORF:	1926 bp
Locus ID:	217333
UniProt ID:	Q8C0E3
Cytogenetics:	11 E2
Gene Summary:	<p>E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>