

Product datasheet for **MC228560**

Trim47 (NM_001205081) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim47 (NM_001205081) 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: >MC228560 representing NM_001205081
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGCAGCGGGCCTTTAGCTGCCCATCTGCCTGGAACCGCTCCGGGAGCCGGTGACACTACCT
 GCGGCCACAACCTCTGCCTCGCTTGCCTGGGCGCTCTCTGGCCGACCGGAGCGGGCGGCACCGTGG
 TTCCGGAGGTCCAGCTCGCTGTCCACTTTGTCAGGAGCCTTTCCCGACGGCCTGCAGCTCCGCAAGAAC
 CACACGCTGTCCGAGTTGCTGCAGCTCCGCCAGGGCTCGGTCCCGGACCCATGTCGCCCGGGTTCAG
 GATCGACCCGGGGCGCCACGCCGAGCCCTCCGCGCCAGCGCACCCACTCCGGCTCCGGAACCATCGGC
 TCCCTGCGCGCCGGAGCAGTGGCCCGGGGTGAGGAGCCGGTGCCTGCGACGCTGCCCGAGGGCGCC
 GCCCTGCCCGCCGCTCTTTGCTCTCCTGCCTCGCTCCTTCTGCTCCGCGCATCTGCCCGCCACG
 AACGCAGCCCCCTGCGCGGCCACCCCTGGTGCCTCCGCTGCGCCGACTTGAGGAGAGCCTGTGTCC
 GCGCCACTGCGGCTCTGGAGCGCTACTGTGCGGTGGAGCGTGTGTGCCTTTGGAGGCTGTGCCACT
 CAGGACCATCGCGGCCACGAGCTCGTGCCTGGAGCAGGAGCGCGCTTCAGGAGGTGGAGCAGTCCA
 AAGTCCTGAGCGCTGCGGAGGACCGCATGGATGAACTGGGTGCCGGCATCGCACAGTCCCGCCGTA
 GGCCCTCATCAAGAGTGCAGCTGTGGCAGAGCGGGAGAGGGTGAGCCAGATGTTTCCGAGGCCACAGCC
 ACCCTTCAGAGTTCCAGAACGAGGTGATGGGGTTCAATCGAAGAGGGAGAGGCCACAATGTTGGGCGGT
 CCCAGGGTGACCTGCGTAGACAAGGAACAGCGCAGCCGCTAAGCAAGGCACGGCACAACTCGGTCA
 GGTTCCAGAGGCGGATTCAGTCAGCTTCTCCAGGAGCTCCTGGCACTACGGCTGGCCCTGGAGGAGGG
 TGCGGCCCGGGCCTGGGCCCGCCAGGAACTCAGCTTACCAAGTCTCCAGGTGGTCAAAGCGGTGA
 GAGACACCTCATCTCAGCCTGTGCCAGCCAGTGGGAGCAGCTGCGGGGCTGGGCAGCAATGAGGATGG
 GCTACAGAAACTCGGCTCAGAAGCAGATGTGGAGTCCAGGACCTGACAGTACCAGCCTGCTGGAGAGT
 GAGGCCCGAGGATTACTTCTCAAGTTTGCCTACATCGTGGACCTGGACAGGACACCGCGGACAAGT
 TCCTGCAGCTTTTGGAACTAAAGGTGTCAAGAGAGTACTGTGTCCCATCAACTACCGGAGTCAACCCAC
 CCGCTTCACACTGCGAGCAGGTGCTAGGAGAGGGCGCCCTGGACCGGGGCACCTACTACTGGGAGGTG
 GAGATCATCGAAGGATGGGTGAGTGTGGGAGTGTGGCCGAGGGCTTCTCCCGCAAGAGCCATGACC
 GGGGCCGCTGGGCCGCAATGCACACTCATGCTGTCTGCAGTGGAAATGGGCGTGGCTTCTCAGTCTGGT
 CTGCGGGCTGGAGGCCCGCTACCCCATGCCTTTTCGCTACAGTGGGGTCTGCCTAGAGTATGCAGAC
 CATGCCCTGGCCTTCTATGCTGTCCGAGACGAAAGCTGAGCCTTCTTCGGAGGCTCAAAGCCTCCCGGC
 CTCGCCGAGCGGTGCTCTGGCCTCCCCACTGACCCTTTTCAGAGTGCCTGGACAGCCATTTTCCGG
 GCTCTTCAACCACAGGCTCAAGCCTGCCTTCTCCTGGAGAGTGTGGACGCCATCTGCAGATTGGACCT
 CTCAAGAAATCGTGCATAAACCGTCTGAAGAGGAG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001205081

Insert Size: 1929 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001205081.1, NP_001192010.1</u>
RefSeq Size:	2195 bp
RefSeq ORF:	1929 bp
Locus ID:	217333
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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>