

Product datasheet for **RN204271**

Trim47 (NM_001109585) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim47 (NM_001109585) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204271 representing NM_001109585
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGCAGCGGGCCTTTAGCTGCCCCATCTGCCTGGAACCGCTCCGGGAGCCGGTGACACTACCT
 GCGGCCACAATTCTGTCTCGCTTGCCTGGGCGCGCTCTGGCCGACCGGAGCGCGGGCGGCACCGGTGG
 TTCCGGAGGTCCGGCTCGCTGCCCACTTTGCCAGGAGCCTTTCCCGACGGCCTGCAGCTCCGCAAGAAC
 CACACGCTGTCCGAGTTGCTGCAGCTCCGCCAGGGCTCGAGCCCCGACCCATGTCCGCCCGGCTCCAG
 GCTCGGCCCGGGCGCGACGCCCGAGCCCTCCGACCCAGCGCACCACTCCGGCTCCGGAGCCCTCCGC
 TCCCTGCGCGCCCGAGCCGTGGCCCGGGGTGAGGAGCCGGTGCCTGCGACGCTGCCCGAGGGCGCC
 GCCCTGCCCGCCGCTCTCCTGCCTCTCCTGCCTCGCTCCTTCTGCTCCGCGCACCTGGCCCCGACG
 AACGCAGCCCCCGCTGCGCGGCCACCGCTGGTCCCCCGCTGCGCCGGCTGGAGGAGAGCCTGTGCC
 GCGCCACCTGCGCGCGCTGGAGCGCTACTGCCCGTGGAGCGTGTGTGCCTTTGCGAGGCCTGCGCCACT
 CAGGAGCATCGGGGCCACGAGCTCGTGCCGCTGGAGCAGGAGCGCGCTTCAGGAGGTTGAACAGTCCA
 AAGTCTGAGCGCTGTGGAGGACCGATGGATGAGCTGGGTGCCGGCATTGCACAATCCCGCCGTACTGT
 GGCCCTCATCAAGAGTGCAGCTGTGGCAGAGCGGGAGAGGGTGAGCCAGATGTTTGCCGAGGCCACAGCC
 TCCCTACAGAGTTTCCAGACTGAGGTGCTGGGGTTCATCGAGGAGGGGAGGCCGCCATGTTGGGCCGCT
 CTCAAGGTGACCTGCGCAGACAAGAGGAACAGCGCAGCCGCCAAGCCGGGCTCGCCACAACCTCAGTCA
 GGTTCCAGAGGCGGATTCAGTCAGCTTTCTCCAGGAGCTCCTGGCACTGCGGCTGGCCCTGGAGGAGGGG
 TGTGGCCCTGGGCTGGACCCCCAGGGAACCTCAGCTTCACCAAGTCTCCCAAGCGGTCCGAGCCGTGA
 GGGACATCCTTGTCTCAGCCTGTGCCAGCAGTGGGAGCAGCTGCGGGGGCTGGGCAGTGGTGAGGATGA
 GCTACAGAAACTTGGCTCAGAAGCTGATGTGGAGTCCCAGGACCTGACAGCACCAACCTGCTGGAGAGC
 GAGGCTCCAGGATTATTTCTCAAGTTTGCTTACATTGTGACTTGGACAGCGACACCGCGGACAAGT
 TCCTGCAGCTTTTGGAACTAAAGGTGTCAAGAGAGTACTGTGTCCCATCAACTACCCGGAGTCACCAC
 CCGATTACACACTGCGAACAGGTGCTAGGAGAAGGTGCCCTGGACCGGGGCACCTACTACTGGGAGGTG
 GAGATCATCGAAGGATGGGTGAGTGTGGGTGTCATGGCCGAGGGCTTCTCCCGAAGAGCCCTATGACC
 GGGGCCGCTGGGCCGAAACGCACACTCATGCTGTCTGCAGTGAATGGGCTGGGTACTCAGTCTGGTT
 CTGCGGGCTGGAAGCCCCACTACCCCATGCCTTTTCGCTACGGTTGGGCTGCTGCTGGAGTACGCTGAC
 CATGCCCTGGCCTTCTACGCTGTTGAGAGGGGAAGCTGAGCCTTCTTCGAGGCTCAAAGCCTCCCGGC
 CTCGCCGAGCGGTGCCCTGGCCTCCCCACTGACCTTTCCAGAGTGCCTGGACAGCCATTTTTCAGG
 GCTCTTCAACTACAGGCTCAAGCCTGCCTTCTTCTGGAGAGTGTGGATGCCACCTGCAGATTGGACCC
 CTCAAGAAATCGTGCATATCTGTGCTAAAGAGGAGT**GA**

CAAGCTTAAGTAGCTAGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATC
 TGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAAAC

Restriction Sites: SgfI-HindIII

ACCN: NM_001109585

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).

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_001109585.1](#), [NP_001103055.1](#)

RefSeq Size: 2198 bp

RefSeq ORF: 1929 bp

Locus ID: 690374

Cytogenetics: 10q32.1