

Product datasheet for **RN209840**

Trim16 (NM_001135033) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim16 (NM_001135033) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim16
Synonyms:	MGC93671
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209840 representing NM_001135033
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAATTGGATCTAATTGCCCCAGGGCCTCTGACCGGGTCACTGTTACCCTTTGGCTCCTCTCG
 GCCCAGACCCTGGGTGAGCTATTCCAATAGGAAAAGAAGATGTGGACCTTCTCAGCAAGCCAGGCGAGGA
 AACCCAGGGGCAGGGTGACCTCGCAAAGCTCGGGGCTCCTGGTGTGAAGAGGAGGGACAGATCCTGTGT
 GACTTCTGTCTTTGGGGCCAGCAGAGTAAGGGCTGTAAAGTCTGTGTTGACCTGCATGGTGAATTACTGTG
 AGGAGCACCTGCGGCCACACCAGGAGAACAGCAAAGTGCACAGCCACCAGCTAACCGAGCCACAAAAGA
 CCAGGATCTGCGCACCTGCCCTGCCACCACAGCCCTTTGGTTTCTTCTGCCACACGCACCAGCAGTGT
 ATCTGCCAGGAATGCGGCACGGGTGAACACAGAGGCGACAGCACTGTCTCCCTGGATGCAGCCCGCAGGA
 GCAAAGAGGCTGACCTTCGGTGCATGCAGCTGGACCTGGAGCAGAAGCTCAAGTTGAACGAAAATGCCAT
 TGCCCGGCTCCAAGCCAACCACAAGTCTGTTTTGGTGTCCGTGTCAGAGGTGAAGTGGTGGCTGAAGAG
 AAGTTTGGGGAATCCTCGCAGCCGTGAGGAAGGCCAGACTGATGTGATGCTCTTCTTAGAGGAGAAAAG
 AACAGGCTGCACTGAATCAGGTCAACGGCATCAAGACCCACCTGGAGCACAGGAGCATCGAGATGGAGAA
 AAACAAGCAGGAGCTGGAGAAGTTGGCCTCCATCAGCAACTGTGCTCTTCTGGAGGAGTACTGCAAG
 CTTAAGAAGACAGAGGACTGCCTTCCCAGCGTTTACATCGGGCTGAAGGATAAACTCTCAGGCATCC
 GCAAGGTCATCACAGAGTCAACTCTGAACCTGATCCAGTTGCTAGAAAAGCTATAAGGAAAAGCTTCAGGA
 ATTTTCCAGGGAAGAAGAATATGACATCAGAACTCAAGTGTCTGCCATTGTCCAGCGCAAGTACAGGACC
 TCGAAACCCGAGCCAGAACCCGGGATGAGTTTCTTCAATATGCCTGTGACATCACATTTGACCCAGACA
 CAGCACACAGGTACCTTCGCCTGCAGGAGGATAACCGCAAGGTCACCAACACCACCCCTGGGAACACCC
 TTACCCAGACCTCCCAGTAGGTTTCTGCACTGGCGGCAGGTGCTGTCCAGCAGAGTCTGTACCTGCAC
 AGGTATATTTTGGAGTGGAGATCTCTGGAGGAGCATCTATGTTGGCCTGACCTGCAAAGGCATCGACC
 GTAAGGGGAAGAAGCAACAGCTGCATTTCTGGAAACAGCTTCTCCTGGAGCATTCACTGGAGTGGGAA
 GGAGTTACCGCCTGGCACAGTGACACAGAGACTCCGCTCAAGGCCAGCCCTTCAGGAGGCTTGGCATC
 TATGTAATTTCCAGGAGGAACCTTTCTTCTATGGTGTAGAATATGATGCCATGACTCTGATTGAGAG
 AGTTTGACTGCAAGTTCTCAGAGCCACTCTATGCTGCTTCTGGTGTCTAAGAAAGAAAACACCATCCG
 GATTGTGGATCTGGGAGAGGAGCCTGAGAAGCCAGCTGTACCCTCAGTGGAGGCTGCTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135033

Insert Size: 1674 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_001135033.2](#), [NP_001128505.1](#)

RefSeq Size: 3815 bp

RefSeq ORF: 1674 bp

Locus ID: 303214

Cytogenetics: 10q23