

Product datasheet for **RN201397**

Trim45 (NM_001106453) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim45 (NM_001106453) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim45
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201397 representing NM_001106453
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCAGAAAACAGGAAACCGCTTCCAGGTTTTGTAAACAACTCCAAGATGCGAGCGCATCTGGGAGCT
 CAGGCAAGACTCACTGTCTTCATGTCTGAGGCTTTTCAAAGTCCCAGGCTCTTGCCTTCTTGCACAC
 GGTGTGCACCTCATGTCTGGAAAGGCTGGATCCATTCTCAGTAGTGGACATCCGAGGGGGTACTCAGAC
 ACAAGCTCTGAGGGTCAATATTCCAGGAACCAAGTCATGCAGCCTGAAGCCACAGATCGGCATCTCT
 GTCCAGTAGTGTGCTCAAGTGGACCTGCCCTTGGGTGGAGTGAAGGCTTTAACGGTAGACCACCTGGC
 CATGAATGACGTCATGCTGGAGAGTCTGCACGGGGAAGGCCAGGGCTGGTGTGTGACCTGTGTAGCGAC
 AGAGAAGTAGAGAAGAGGTGTGACACTGCAAGGCCAATCTCTGCCACTTCTGCTGCCAGGCTCACAGGC
 GGCAGAAGAAGACAACGGATCACACCATGGTGGACCTGAAAGACCTAAAAGGCTACAGTCGGGTTGGAAA
 GCCTATCCTATGTCTTCCACCCTGCCGAGGAGCTGAGGCTGTCTGTGAGCTCTGTGACCGCCGGTG
 TGTCCGGACTGTGTAGTTGGGGAGCACCGAGAGCACCCCTACGACTTCACCAGCAACGTCATCCACAAGC
 ATGGAGATTCCGTGCGGGAGCTGCTTCGAGACACCCAGCCCCACGTGGAGGCCCTGGAAGACGCCCTGGC
 TCAGATCAAAAGTTCAACAACGCCCTCCAAGAGCGCGTGGAGGCGGTGGCAGCTGACGTCCGAACGTTT
 TCTGAGGGCTACATCAGAGCCATCGAGGAGCATCGGGACAAGCTGCTACGACAGCTGGATGACATACGGG
 TCCAGAAGGAAAACCTCTTACAGCTGCAGAAAGCACAGCTGGAACAGCTGCTGGCTGATATGCGGACTGG
 AGTGGAGTTCACTGAGCACCTGCTGACCAGCGGCTCAGACTTGGAGATCCTGGTCACCAAGGGAGTGGTC
 GTAGAGCGGCTCAGGAAGCTGAATAAGGTTGAATACAGTGCCCGCCAGGAGTGAACCATAAGATCTGCT
 TCTCCCTCAGGAGAAGGCAAGGTGCCAAGGCTATGAAGTATATGGGGCCATTAACACGCAGGAAGTTGA
 TCCAGCTCAATGTGTCTTCAGGGAGAAGATCTCCATAGAGCTCGAGAGAAACAGACAGCCTCTTTTACC
 TTGGTCTGTAAGGATGCCACGGGAGAGACATGAGCAGGGGAGGAGACAACGTCCTGTGGAAGTTGTCC
 CAAAAATAAGAAGGACAGTCCGATCAGAACAGTGGTCCAGGACAACAAGGATGGATCCTACCGTGTTC
 CTACACCCCAAGGAACCTGGCGTCTACACTGTGTGGGTGGCATCAGAGAGCAGCAAGTGCAGGGCTCA
 CCGTTCAATGTGACCGTGAAGGAGGAGCATCGGCCGCATCCAGGCGTGTTCCTGCTGCACCTTCTGTT
 CCAGTGGAGGCCAGAAGACTGCACGCTGTGCTGCGGAGGCACCATGCCAGGTGGTACCTTGGCTGTGG
 CCATGGACACAAAGGCCACCCGGGGCTCCACACTGGTCTTGTGTGGAAAGTTTATTGAGAAGTCAGAG
 TGTTCTGACTCAACTGGCAGAGCGCACCGAGGAGTCTGCTTAGGACCGTGGCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106453
- Insert Size:** 1740 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_001106453.1](#), [NP_001099923.1](#)

RefSeq Size: 2314 bp

RefSeq ORF: 1740 bp

Locus ID: 295323

Cytogenetics: 2q34