

## Product datasheet for **RN202917**

### Trim5 (NM\_001014023) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim5 (NM_001014023) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim5
Synonyms:	RGD1304579
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202917 representing NM\_001014023  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTTCAGAATTCGTGATGAATTTAAAAGAGGAGGTGACCTGTCCTATCTGCCTGGACCTGATGGTAG  
AACCTGTGAGTGGAGATTGTGGTCACAGCTTCTGCCAAGCCTGCATCACGCTGAACTATGAATCCAGCAA  
ATGCAATCAGGATGAGTTCATTTGCCCTGTGTGCCGAGTTAGTTACCTGTTTAAGAACCTGAGGCCAAAT  
CGACATGTGGCCAAACATAGTGCAGAGGCTCAAAGAGTTCAAGTCCAGCCAGAAGAGGAGCCGAAGGTGC  
TTTCTTGTGCAAGGCATGGAGAGAACTCCAGCTCTTCTGTAAGAAGGACATGATGCCCTCTGCTGGCT  
TTGTGAGCGATCTCAGGAGCACCGTGGACACCAACAGTTCTCATTGAAGAGGTGGTCCAGGAGTATAAG  
GAGAAGCTGCAGGAGCTCTGAAAAGCTGATGGCAGACAAGAAAGAATTTGAGAACTGGAAAGATGACC  
TTCAAAGGAGAGAACTTACTGGCAGAATCAAATACAGAAAGATGTGAAAATGTCCAGTCAGAGTTTAA  
AGGAATGAGAGATATCATGGACTCTGAGGAGAAGAAGGAATTGCAGAAGCTGATGCAAGAGAAGGAAGAC  
ATTATGAGCAGCCTGGAAGAGTCTGAAAATGAGTATTCTCAGCAGAGTAAGTTGCTAGGAGACCTCATCT  
TAGATGTGGAACATCAGTTACAATGCTCAGCCACGGAAATGCTGCAAGGTGTAGAGAACCATAAAAACG  
GAGTCATACTTTTTTCGATGAGGAAGCCAAAACCATCCCCAAGGAACAAAGAAGAGTGTTCGAGCCCT  
GATCTGCAAGGCATGCTGCAAGTGTACAAGAGGTACAGAGGCCCAACGCTACTGGGTTCAAGTGACGC  
TGGTTGAAAGCAACAATCCAACATTTTCATTACCGCCGACAAAAGACAGATACGATATGAAGACCACCA  
AGCAAGACATTTGCCCCTCCGACTGAAAAGTGTGATGCAGGTGTCTGGGATACCCAGCTATCCAATCA  
GGAAAACACTACTGGGAAGTAGATGTCTGAAAAGTCTTGGGTTCTGGGATTAAGTGAAGTGAAGT  
ACCTCTTTAATCCAATATTTTCGTTCAAATGCAGAAAGACCCCAACCCCTTATTTTCGTTTGAATCT  
TAGTAATGATTACATTCTCGTTTGAGTCTTAGTAATGATTACATTATCAACCTAAATATGGCTTCTGG  
GTTATAGGGCTGTGGGAAATTCGTGTATAATGCTTTTGAGGAGGTACGTTTCACAGGCAAGCCAGTG  
TGTTGACCCTCTCTGATGGTCCGACCCTGTCGTGTCGGTATTTTCTCGACTGTGCAGCTGGCACCCT  
CTCGTTTTACAATATTTCCAACCATGGCACTCTTATCTACAGATTCTGTGCAGGTTCTTTCTGATAGG  
GTTTTCCATATTTAACCCATGGGAAGTTCAGAGCCATTGACAATATGCTGGCCAGACTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001014023

**Insert Size:** 1536 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\\_001014023.1](#), [NP\\_001014045.1](#)

**RefSeq Size:** 2470 bp

**RefSeq ORF:** 1536 bp

**Locus ID:** 308906

**Cytogenetics:** 1q32