

Product datasheet for **RN201108**

Trim31 (NM_001106376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim31 (NM_001106376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim31
Synonyms:	Trim31l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201108 representing NM_001106376
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCAGACCCAAAGATGGCCAGCCAATCGCAGGAGGATGTGACCTGCCCATCTGCTTGGAAATCTAC
AAGATCCTGTCACCATTGACTGTGGGCACAACCTCTGCCTGAAGTGTATCAATCAGATTGGGAAAACGTC
AGAAAATATCCTATGTCCTCTCTGCAAGTGCTCTGTGAGTAAGAATACTTTCAGGCCAATAAGCTGCTG
GCTAGTCTTGAGAGAAGATCCAGACTATGGATCCTGCTGACATCCAACAAGAAAAGGAAGAGGCAAGAT
GTCAGAAGCACAAGAAAAGCTATATTACTTCTGCGAGCAGGATGGGGCGCTCCTCTGCGTAGTGTGTCG
TGACTCCAAGGACCACAAATCCACGATGTACCTTGATAGATGAGGCTGTCCAGAACTACAAGGTGCAG
ATTGAGTACAGGCCAGGATTTGGGGCGAAAGGACAAGGAAATAATTGAAGAGAAAAACGAGGCGAAG
GGGCAATCTGGACATTCAGGGCCAGGTGGAAGTACAGAAAATAAGGTCATTGAGGAATCAAGCACCT
GCGCCAGAGACTGGACGAGGAAGAAAGTTCTCTGTCCAGGATGGACTGGCTGGAGAAGCAGGGAGCC
AAGCAGTTGGGACAATATGTCACCTGTGACAGAGAAGCAGCTGAACTCTCTTAGGACGCTCACTAACTCT
TGAAAATTAGACTGCAATCTTATCCATAGAGTACTAAAGGACATTAAGACACCTGAGCAGGAATAA
GGAATTTAGTTTCTCAGCCCAATTCAGTTTCTGTGGACCTGGAGAAAAACGCAGTGAAGCAAAAGCA
AGACTTGAGTCCGTCCTAAAATCCCTGACAGAATCAAAGACAACCTGAAGGCCAAAGGGAAAGAAAGATA
AAAGCGAGTTCGTGAGCAGCCTGAATAAAGAAGAAAGGGAGAGCTGGAGCCTATTACAGAAGAATAACTC
GATGTCGCCCACCCAGTCCCCATGACCCTGGACAAGGACTCAGCTGACCAGACCTCACCATTTCTCAT
GATGGAAGAAAGTGACCTTGATTATATAGCTGGAAAAGCTTCCAATAAGCAGGCAAAGCCTCGACCAT
TCTACCCATTCCTGTGTGAGGGTTCCCGAGCCTCTCTCAGGCCCGGGGTGGGAGGCAGAAAT
CTGGGAGCCCTCAGGTGGGGCATGCATCATTGGCGTGGCTACAGAGTTGGCTCAAGGGTCCCAGAGTCAA
AACATCAGGATGCAGAACTGCATATGGGCACTGCGGATCTCACCCACTGGATGCCAGCCATTACCAATT
GTAAAACGCAGGAGCATCTCCAGGTCTGTCTCAAGAAAGTGGGTGTCTACGTGAATCATGACTGCGGGGA
GGTCATCTTCTATGATGCCATCACTAGCAAACACATCTATACTTTCCAACTTCTTTAACGGGAGGGTC
TTCCCCTTTTCGGGCTCCAAGTTACCTGCAGCCATATCACCTGACCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106376

Insert Size: 1524 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_001106376.1](#), [NP_001099846.1](#)

RefSeq Size: 2451 bp

RefSeq ORF: 1524 bp

Locus ID: 294208

Cytogenetics: 20p12