

Product datasheet for **RN206441**

Trit1 (NM_001108676) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trit1 (NM_001108676) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trit1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206441 representing NM_001108676
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCTGCGGCTGCAGCACGAGCGGTTCTGTGAGCTCTGGATCCGAGGCCTGCCACGAACTGTC
 CACTTGTAGTGATTCTCGGGGCTACTGGCACTGGCAAGTCCACTCTGGCTCTCAATTAGGCCAGCGGCT
 CGCGCGGAGATCGTCAGCGCCGACTCCATGCAGGTCTATGAAGGGCTAGACATCATACCAATAAGGTC
 TCTGCCAGGAGCAGAAGATGTCCGGCACCACATGATCAGCTTTGTGGATCCACTCGTGACCAGCTACA
 CCGTGGTAGACTTTAGGAACAGAGCCACTGCCCTGATATCCTTAAGGAACTTAGCACCCACCCCTGGAG
 GGTTCTAGTGGTGATTTTTGCTCGAGACAAAATTCCTATTGTGGTGGGAGGAACCAATTATTACATT
 GAGTCTCTGCTCTGAAAGTTCTTGTGACTACCAAGCCCAGGGGATGGGCACTGGGAAAGCGGTTGATC
 GAAAAGTAGAACTGAAAAGGAAGATGGTCATGAACTCCATAAACGGCTAAGCCAGGTGGATCCAGAAAT
 GGCTGCCAAGCTACACCCACATGACAAACGCAAAGTGGCCAGGAGCTTGAAGTGTGAAAGAAACAGGA
 GTCTCTCACAGTGAATTCCTTCATCGTCAACACGCAGAGGAAGCGGTGGTCCTCTTGAGGCCCTCTCA
 AGTTCCCTAACCCATGCATCCTCTGGCTTCATGCTGACCAGGCAGATGAGCGCCTGGATAAGAGAGTGGA
 CGCATGCTTGCTGCCGACTCTTGAAGAGCTGAGAGATTTTCACAGACGCTATAATCTTAAGAAGCTT
 TCAGAAGATAGCCAGGACTATCAACATGGTATCTTCCAGTCAATTGGCTTCAAGGAATTTACAGGATACC
 TGACCACTGAGGGGAAATGCACACCAGAGACTAGTAACCAGCTTCTAAAGAAAGGGGTTGAGGCTCTGAA
 ACAAGTAACTAAGAGATATGCCCGAAACAGAACCAGTGGGTTAGAAACCGCTTTTGGAGCAGACCTGGT
 CCCAGTGTCCCCCGGTATATGGCTTAGAAGTCTGATGTTTCAAGTGGGAGGAGTTGTTCTGGAGC
 CTGCTCTCAGTATAGTCCAGAGTTTCATCCAGGAGTACAACTACAGCCACTCCAGTGAAGATACCATA
 CAGTGAAACTGAGAAACAAGAGAAGTTACCACATGTGTGACCTTTGTGACCGGATCATCATTGGGGACCGG
 GAATGGGCAGCACATAAAAATCCAAATCTCACTTGCACCAATTGAAGAAAAGAAGAAAGTTGGACTTGG
 ACGCTGTCAGTGCCTTAGGAAGCAAAGTAATTCACCAGACAGTGAAGTGGAAACGCAAAGAGGGGAATC
 CTCAGGACAGCGTGATCAAGAGCTAAAGGCCAGTGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108676
- Insert Size:** 1440 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_001108676.1, NP_001102146.1
RefSeq Size: 2113 bp
RefSeq ORF: 1440 bp
Locus ID: 362586
Cytogenetics: 5q36