

Product datasheet for **RN203297**

Tet1 (NM_001107643) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tet1 (NM_001107643) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tet1
Synonyms:	Cxxc6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203297 representing NM_001107643
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACTAGGTATGGCCAGAAGGAAAAGCAATCCGGATTGAGAAGATAGTGTTCACGGGGAAGGAAG
 GGAAGAGCTCTCAGGGCTGCCCGGTCGCCAAGTGGGTGATTAGAAGAAGTGGTCCTGAAGAGAAGGTTAT
 TTGTTTGGTTCGTGAGCGTGTGGACCATTACTGTTCAACGGCTGTGATAGTTGTTCTTATCCTCCTGTGG
 GAAGGTATCCCTCGACTAATGGCTGACCGCTGTACAAGGAGCTCACTGAGAAGTGGAGTCTACAGCG
 GACATCCCACTGACCGAAGATGTACCCTCAACAAAAACGTACCTGCACCTGTCAAGGCACCAACCCAAA
 AACATGCGGAGCGTCTTTCTCCTTTGGCTGTTGTTGGAGCATGATTTCAACGGCTGTAAGTTTGGGAGA
 AGTGCAAAACCCAGAAAATTCAGACTTGCTCCAACTATCCCTTACATGAAAAACAGCTTGAGGAGAATT
 TACAAGACTTGGCTACAGTATTAGCTCCAGTTTATAAGCAGATGGCGCCAGTTGCTTATCAAATCAGGT
 GGAATATGAAGACATTGCTGGAGACTGTGACTGGTAATGAAGAGGGGGCTCTTTCTCTGGTGTACC
 TGTTCATGGATTCTGTGCTCATTCTACAAGGACATTCACAACATGAACAATGGAAGCACTGTGGTTT
 GTACATTGATTGAGAAGATGGCCGTGACAGAAGTGTTCCTGGGGATGAGCAGCTACACGTCCTGCCACT
 ATACCGCTTGCAGACACTGATGAATTTGGCTCCGTGGAAGGGATGAAAGCCAAGATCCAATCTGGGGCC
 ATCCAAGTCAATGGGCCAACAGGAAGAGGCGACTGTGTTTCAGTGAGCCTGTTCTCGATGTGGGAAGA
 GGGCCAAGATGAAGGAGAAGGACAAGAAATCAGGTTCCGCAACAACCTAAGATCTATTCATCAGCCTCATC
 TACTCCTACCCAGTGAAGATGAATCTACAGACTTCTGTCCCTGCAGGCTTCTCCACAGAAACATCT
 ACCTGTATGTACAATAAAACAGCCTCAGGTGGCTTTCCAGAAACAAGTAGCATTCTCACTGCACAATGC
 CTTCTGGAGCACACAGTGGTGTAAATGCAGCTCCTGGGGAATGTACTGGAATTGTGCAGACTGTGCTGA
 AGTGGCTGCTCTTCTCACCAATCTCTCCCATAGCAGATTCTCCCTTCATGCTGAGCCTCTACAAGT
 CCACCTGATCATCTAACTTCTAACCAGTCAAACAGCAGCTCCCTTTCTCAGCTCTCCTCAGAACTGG
 CTTCTGTGAGGTGGAAGATGAACGGCATTGCGAAACAGATGAGCCTCCTCAACCCGAGGATGGTAACAT
 CCCTCACTTGTGAATTTTGGTCAGACAGTGAAGAGATCTATAATGATCCTGCCTTTGGTGGCGTGGCG
 ATAGCACCAATTCATGGCTCAGTGTGATTGAGTGTGCCCGAAAGAGCTTCATGCTACCACCTCTTTGA
 GTTCTCCAAACGAGAGGTCCTTTTCTGTGTCCCTGTATTCTACCAGCACAAAAATCTAAATAAGCC
 TAATCACGTTTTGATATCAACAGAATTAAGTGAATGTAAGAAAGTAAACAAAAACCCCGCAGAC
 AGGGAGGATCCTGATTTATCTCCTGAAACCAATTTATCATACCAATTCCTTCTCGAGTTGCATCAACCT
 TAACCAGCGACAACGTTGTACCGTGTCCCTTATGCTCTCACTACGTCGCGGGACCCTACAACCGTTG
 GGT**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107643
- Insert Size:** 1827 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_001107643.1](#), [NP_001101113.1](#)

RefSeq Size: 2514 bp

RefSeq ORF: 1827 bp

Locus ID: 309902

Cytogenetics: 20q11