

Product datasheet for **RN210664**

Cmtm1 (NM_001029914) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cmtm1 (NM_001029914) Rat Untagged Clone
Tag: Tag Free
Symbol: Cmtm1
Synonyms: MGC116183
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210664 representing NM_001029914
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGCCTGCATCCACCAAGCCTGGGTCAGACTCTCAACTTCACAGTCAAAGGTGCCTGCTGCCTCTG
CCGCACCTCACCACAGACCTTCAGTACCAGGAACGCCAAAGAGCCAGAGACCTTCAGTACCCAGACCACC
ATCTCACCAGGGACCTTCAGTACCCGGAACGCCAACAGCCAGGGACCTTCAGTACCTGGAACACCAACA
TATCTGCGACCTTCAGTACCCGGAACACCAATCAGTCAGGGACCTTCAGTACCCGGAACACCAATCAGCC
AGGGATCTTCAGTACCCGGAACACCGATCAGCCAGGGACCTTCAGTACCAGGAACACCATCCCGCCAGCG
ATCTTTAGTACGCTCCACACCATCCAGCTACAGACCCACAGTACGCTCCACACCATCCAGCTACCGACCC
ACAGTACGCTCCACACCATCCAGCTACCGACCCACAGTACGCTCCACACCATCCAGCTACCGACCCACAG
TACGCTCCACACCATCCAGCTACCGACCCACAGTACGCTCCACACCATCCAGCTACCGACCCACAG
CTCCATACCATCCACTAAGTCCTTGCAGTCAGTGCACAGAGATCACACTGCGGACAAATTACCAAGGAAA
CACACCAAACATGAGAAAGTGGCGCCGACTCGACCTGCCCCAGTGTCTGAGAAAAATCAAGATACCGGAAA
CCGTCAAATACAGGATAAGGACAGGGTCTCAAAAAGATTGAGAGATGGCTTCTGTAATTTTGGCTGCTC
AGCCAATGGGATGTTGAAGGCCTTGAGGATGTGCATTACTGCAGCATCGGTATTTGTTTCGTCATTGGT
GGCGCCAGGACCTGTTGTAGCCATCATGATTAGGAAACCTGCATCGTCTTATTTTTTATTATAATCT
ATTTGATAGCCCTTCAACACTTCTGACCTGTATCCACTGGCCTCTGCTTGTGATCTGATCAACACTCTCAT
TTCAATGGCATTCTTGGAAATAGTTAGCATAATAACCATGACGACAGAAAACAGTGAAAAGAACTGACT
TTTATTGGAGGGTCTGTGCTTCTCGGCAGCAGTCTGTGTGCATCGATGCATTGTTGGTTACCGAAA
AGATGAGGCACAAAGCAAAAAGTTCCCTGGGGAAGAAAATAAGCCCTCTACTACCCGACGGAGGCAGAA
GCAGCGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001029914
Insert Size:	1200 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:	<ol style="list-style-type: none">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:	<u>NM_001029914.1</u> , <u>NP_001025085.1</u>
RefSeq Size:	1896 bp
RefSeq ORF:	1200 bp
Locus ID:	291823
Cytogenetics:	19p14