

## Product datasheet for MC211438

### Camkmt (NM\_028576) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Camkmt (NM\_028576) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Camkmt  
**Synonyms:** 1700106N22Rik; AI480743; AV099781; CaM KMT; CLNMT  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC211438 representing NM\_028576  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTCGCAGGTCGCGGCCGCTGGGGCTGCAGAGACTGAGGCAGAGGGCGGCAAGCGTCCCGCATGG  
 GCAGTGCCAGCCAGGGCTCGCTGGTCTCGGCGCCCAAGGGGGCCGTCGGTGGCAGCTTCTGCGACAGGT  
 TCTGAAGCAGAAACAGTTGGATGATCATCTGAGACATGTATCTGTGAGAAGATTTGAATCATTTAATCTG  
 TTCTCAGTCACAGAAGCCACAAAAAGGGAAGTAAAAAGAGGCTGGTGTGTGGTCCAGTACACAAGCA  
 TCTTTTATCCCAATACAGCATCTCCGTAAGGCATAATAGTGGATCCTTGAATGTGGAAGACGTCCTTAC  
 CAGCTTTGACAACACAGGAAATGTTTGCATCTGGCCATCCGAGGAGGTCCTGGCTCACTACTGCCTCAAG  
 CACAGTCATATATTCAGGGACCTTGCTGTGTGTGAGCTAGGGGGTGGCATGACATGCTTGGCTGGGCTCA  
 TGGTTGCTATTTCTGCAGATGTCAAAGAAGTTCTGCTAACTGATGGGAATGAAAAGGCCATCAGAAATGT  
 GGACAGCATCATCGCATGCAATAAGAAGACTGGTGTGTTAAGACTCCGAAAATATCAAGCCGCGTTTTA  
 CGATGGGATAATGAGACAGACGCTCTCAACTGGAAGGACATTTTGACATTGTTATGTGTGCTGACTGCC  
 TGTTTCTGGACAGTACAGAGCCAGCCTTGTTGATGCCATAAAGAGATTACTCCAGCCCACAGGGAAGC  
 GGTGGTATTTGCCCCACGCCGAGGGAATACTTTCAACCACTTTTGAATCTAGCTGAAAAAGCTGGTTTC  
 TCTCTCAAAGACATGAAAATTACGATGAGCCCATTTCAAACCTTCCACTCCAAGTTGAAAAAGAAGGGT  
 CAGACATATATGAAGAAAACCTGCACTACCCACTTCTGCTTATTTTAACCAAAACGGGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_028576



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<b>Insert Size:</b>	972 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_028576.2</a></u> , <u><a href="#">NP_082852.1</a></u>
<b>RefSeq Size:</b>	1439 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	73582
<b>UniProt ID:</b>	<u><a href="#">Q3U2J5</a></u>
<b>Cytogenetics:</b>	17 E4
<b>Gene Summary:</b>	Catalyzes the trimethylation of 'Lys-116' in calmodulin.[UniProtKB/Swiss-Prot Function]