

## Product datasheet for **RN201833**

### **Mme (NM\_012608) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mme (NM_012608) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mme
Synonyms:	CD10; Nep; SFE
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201833 representing NM\_012608  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAAGATCAGAAAGTCAGATGGATATTACTGATATCAATGCTCCAAGCCGAAGAAGAAACAGCGAT  
 GGACTCCACTGGAGATCAGCCTTTCTGTGCTCGTCTTGCTCCTGACTATCATAGCTGTGACAATGATTGC  
 TCTCTATGCAACCTATGATGATGGTATTTGCAAATCATCAGACTGCATAAAATCAGCTGCTCGACTGATC  
 CAGAACATGGATGCCTCTGCTGAGCCATGTACGGACTTCTTCAAATATGCTTGTGGAGGCTGGTTGAAAC  
 GCAATGTCATCCCTGAGACCAGTCCCGATACAGTAATTTTACATTCTAAGAGATGAACTAGAAGTCAT  
 TTTGAAAGATGTCCTTCAAGAACCACAACTGAGGACATAGTAGCAGTGCAGAAAGCAAAAATTTGTAC  
 AGATCATGTATAAATGAATCTGCTATTGATAGCAGAGGTGGCAACCTCTGCTCACACTGTTACCAGATA  
 TATATGGGTGGCCAGTAGCATCACAAAACGGGAAACAAACATATGGTACTTCTTGGACAGCTGAGAAATC  
 TATTGCACAACCTGAATTTCAAATATGGGAAAAAGTCTCATTAAATTTTTTTGTTGGCAGCTGATGATAAG  
 AATTCTACCCAGCATATAATTCATTTTGACCAGCCTCGACTTGGCTCCCTTCCAGAGACTACTATGAGT  
 GTACAGGAATATATAAAGAGGCTTGACAGCATATGTGGATTTTATGATTCTGTGGCCAGACTGATTCCG  
 TCAGGAACAAAGATTGCCTATTGATGAAAACAGCTCTCTTTGGAAATGAATAAAGTTATGGAATTGGAA  
 AAAGAAATGGCAATGCCACAACAAACCAGAAGACCGAAATGACCCAATGCTGCTTTATAACAAAATGA  
 CATTGGCCAAGCTCCAAAATAACTTCTCTCTGGAGATCAATGGGAAGCCATTAGCTGGTCAAATTTAC  
 AAATGAAATCATGTCAACTGTGAATATTAATATTCAAAATGAGGAAGAAGTGGTTGTTTATGCTCCAGAA  
 TATTTAACCAAACCTAAGCCTATTCTTACCAAATATTCTCCAGAGATCTTCAAATTTAATGCTCCTGGA  
 GGTTCATATGGATCTTGTAAAGCAGCCTCAGCCGAAACTACAAGGAGTCCAGAAATGCTTTCGCAAGGC  
 CCTTTACGGGACTACATCCGAAACTGCAACCTGGAGACGGTGTGCCAACTACGTCATGGGAACATGGAG  
 AATGCTGTGGGGAGGCTTTATGTGGAAGCAGCTTTTGTGGAGAGCAAGCACGTGGTTGAAGATTTGA  
 TTGCACAAATCCGTGAAGTTTTTATTCAGACTTTAGATGACCTCACTTGGATGGATGCTGAGACAAAAAA  
 GAAAGCTGAAGAGAAGGCCCTGGCAATTAAGAAAGGATTGGCTATCCTGATGACATCATCTCCAATGAG  
 AATAAACTGAATAATGAGTATCTTGAGTTGAACTACAAGGAAGAGGAATACTTTGAGAACATAATTCAA  
 ATTTGAAATTCAGCCAAAGCAAGCAGCTAAAGAAGCTCCGAGAAAAGGTGGACAAAGATGAGTGGATAAG  
 TGGCGCGCGGTAGTCAATGCATTTTATCCTCAGGCAGAAATCAGATCGTCTTCCCGCCGGCATTG  
 CAGCCCCATTCTTAGTGCTCGGCAGTCCAACCTATTGAACTATGGGGCATCGGCATGGTCATCGGAC  
 ATGAAATCACACATGGCTTTGATGACAATGGCAGAAATTTAACAAAGATGGAGACCTCGTTGACTGGT  
 GACTCAGCAGTCTGCAAATAATTTCAAAGACCAATCCCAGTGTATGGTGTACCAGTATGGAACTTTACA  
 TGGGACCTAGCAGGTGGACAGCATCTCAATGGAATTAACACACTAGGAGAAAAATTTGCTGATAATGGAG  
 GGATTGGCCAAGCATACAGAGCCTATCAGAATTATGTTAAAAAGAATGGTGAAGAAAAATTACTCCCTGG  
 ACTTGACCTCAATCACAACAACATTTCTTCTTGAACCTTGGCCAGGTGTGGTGTGGAACCTACCGGCCA  
 GAGTATGCAGTCAATCCATTAACAGATGTACACAGTCTGGCAATTTAGGATCATTGGGACTTTGC  
 AGAACTCTGCTGAGTTTGGCGATGCCTTTCATTGCCGCAAGAACTCATACATGAATCCAGAAAGGAAATG  
 TCGGGTTTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_012608  
**Insert Size:** 2253 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>	<a href="#">NM_012608.2</a> , <a href="#">NP_036740.1</a>
<b>RefSeq Size:</b>	3493 bp
<b>RefSeq ORF:</b>	2253 bp
<b>Locus ID:</b>	24590
<b>UniProt ID:</b>	<a href="#">P07861</a>
<b>Cytogenetics:</b>	2q31
<b>Gene Summary:</b>	zinc-containing metallo-enzyme; involved in degradation of cardiac peptides [RGD, Feb 2006]