

## Product datasheet for **RN207479**

### **Cpxm1 (NM\_001106511) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpxm1 (NM_001106511) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpxm1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207479 representing NM\_001106511  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGGGTCTCTTGCTCGCTGTGACCGCCTTTGCGCCTTCCGTCGGTCTGGGGCTGGGGCGCCACGG  
 CCTCAGTGTGGCCTGACGCCGGCTCAACCCTGGCCCCACATAGCAGCATTGCACAGCCGTCCACAAA  
 GGCAAATGAGACCTCAGAACAGCATGTCCGACTGCGAGTCATCAAGAAGAAAAAGATCGTTGTCAAGAAG  
 CGAAAGAAGCTAAGGCAGCCTGGTCTCTGGTGACGCCAGGCCTTTGGTGACCACTCACCCAGCAAAGA  
 CCCCCACTCTCCCTGAGAAACAAGAACCAGGATGTCCCCCTTAGGCCTTGAGTCCTTGGGGTCTCAGA  
 TAGTCAGTGGAGGCTCCAGCAGCCAGTCCTTCGGTCTTGACCACACCGAGGACGGCTCAATATCCAG  
 TCAGGTCTGGAGGATGGTACCTGTACGACGGGGCTTGGTGTGCCGAGCAACAAGATAATGAGCCTTGGC  
 TTCAGGTGGACGCCAGGAGTCTGCCCGCTTCTCAGGAATTGTTACGCAGGGCAGAAATTCTGTGTGGAG  
 GTATGACTGGGTACATCATTCAAGGTCCAGTTCAGCAATGACAGTCAGAGCTGGTGGATGAGTAGGAAC  
 AGTAGTGGGATGGACATGGTATTTCCCTGCCAATTCAGACGCGGAGACCCAGTGCTGAACCTTCTGCCAG  
 AGCCTCAGGTGGCTCGATTCAATTCGCTGCTGCCTCAGACCTGGTTCAGGGAGGTGCGCCTTGCCCTCCG  
 GGCAGAGATCCTGGCCTGTCCAGTCTCAGATCCTAATGACCTGTTCCCTGAGGCCATACACTAGGATCA  
 TCTGACTCTCTGGACTCCGGCATCACAAATATAAAGCTATGAGGAAGTTGATGAAAGAGGTGAATGAGC  
 AGTGCCCCAACATCACCCGCATCTACAGCATCGGGAAGAGCCACCAGGGCCTGAAGCTCTATGTGATGGA  
 AATGTCAGACCATCCAGGGGAGCAGAGCTGGGAGAGCCGAGGTTTCGCTATGTGGCTGGTATGCATGGG  
 AACGAGGCCCTGGGCCGGGAGTTGCTTCTGCTTTTGATGCAGTCTTGTGTGTCGAGTTCCTGCGAGGGG  
 ACCCACGAGTGACTCGGCTGCTACCCGAGACTCGAATTCATCTATTACCCTCCATGAATCCTGATGGCTA  
 TGAGACTGCCTACCACAAGGGCTCAGAGCTGGTGGCTGGGAGAGGGCCGCTGGACGCACCAGGGCATT  
 GACCTTAACCACAATTTTGTGACCTCAACACACAACCTGTGGTATGCAGAAGATGATGGACTGGTACCCC  
 ATACTGTCCCAACCATCACCTGCCACTGCCTACTACTATACATTGCCCAATGCCACTGTGGCTCCTGA  
 AACATGGGCAGTGATCAAATGGATGAAGCGCATTCCATTCGTGCTGAGTGCCAACCTCCACGGGGTGAG  
 CTTGTGGTGTCTATCCTTTGACATGACTCGGACCCCGTGGGCTGCTCGTGAACACTCCCACACCCGG  
 ATGATGCCGTCTCCGCTGGCTCAGCACTGTCTATGCTGGCACAATAGAGCCATGCAGGACACCGATCG  
 CCGACCTTGTATAGCCAGGACTTCTCCTTGCATGGCAATGTCATCAATGGAGCCGACTGGCACACGGTT  
 CCGGGGAGCATGAACGACTTCAGCTACCTACACACCAATTGCTTTGAGGTCACGGTGGAGCTGTCCTGTG  
 ACAAGTTCCTCATGAGAAGGAGCTACCTCAGGAGTGGGAAAACAACAAGACGCTCTTCTCACCTACCT  
 GGAGCAGGTGCGCATGGGCATTACCGGAGTTGTACGGGACAAAGACACAGAGCTCGGGATTGCAGATGCT  
 GTCATCGCTGTGGAAGGCATTAACCATGACGTTACAACAGCTTGGGGTGGAGATTACTGGCGGCTGCTGA  
 CGCCTGGGGACTATGTGCTGACAGCCAGTGTGAAGGCTATCATACAGCTAAACAACACTGTCGGGTAC  
 CTTTGAAGAGGGCCCGTTCCCTGCAATTTCTACTACCAAGACTCCCAACAGAGGCTTCTAGAAGTCTG  
 TTGGCAGCAGGAGCGAAGTTGCCCCAGACCTTCGGAGGAAGTTAGAGTGGCTGAGGGGACAGAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106511

**Insert Size:** 2169 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).

<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>NM_001106511.1, NP_001099981.1</u>
<b>RefSeq Size:</b>	2367 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	296156
<b>Cytogenetics:</b>	3q36