

Product datasheet for **RN209758**

Cpxm2 (NM_001106306) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpxm2 (NM_001106306) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpxm2
Synonyms:	RGD1310955
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209758 representing NM_001106306
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCTGTGGGACCGCCTTCCCCGGGTGGCCCTGGCACTTGTGGCAGTGGCCCTGGCTGGAGTCA
 GAGCCCAGGGCGAAGCCTTCGAGGAGCCTGACTATTACAGCCAGGAGCTCTGGAGGCGGGCGCTACTA
 TGAGAATGGGAGCCAGAGCCTGAGCCGGAGCTTCTCGCCTTACAGCATGAGGACCTACGGGTGGAG
 GAGCAGGAACAGCAGGAGCCGACCAGCAGGGGCCAGGAAGCCCAAGAAGGCCACTAAGCCAAAAAGG
 CTCCCAAGAGGGAGAAGTTAGTTGCAGAGACGCCCTCCACCAGGTAAGCAACAGAAAAGGCAGAAG
 GAGCAAGAATCTGAGAAAGCTGCCCGCATGACCATGGTGTCCCTGTGGTTCGTGAGGATGTCAGAGAG
 AGTTGTCCACCTTTGGTCTGGAACATTAAGCAACTCACAGACTCCAGCTACATGCCTCCACAACAAGC
 GTTATGGTCTGGGAGCCATCGTGGGAGACTCAACATCCAGGCAGGCATTAATGAAAACGACTTTTACGA
 TGGGGCTTGGTGTCCGGTAGGAACGACTTGCATCAGTGGATCGAAGTGGACGCCCGGCGCCTGACTAAG
 TTCACAGGGGTCAATACCAAGGAAGAACTCTCTCGGCTGAGTGGTGGTGGTGCCTACAAAGTCA
 TGGTGAGCAATGACAGCCACACATGGGTTACCGTGAAGAATGGATCTGGTGACATGATATTTGAAGGAAA
 CAATGAGAAGGAGACCCCTGTGCTCAATGAGCTGCCAGTCCCCATGGTGGCCCGTACATTCGCATAAAC
 CCTCAGTCTGGTTTGATAATGGGAGCATCTGTATGAGGATGGAGATCTTGGGCTGCCACTGCCAGATC
 TAATAACTATTATCACCAGCCTAATGAGATGACCACCACTGATGACCTGGATTTAAGCACCACAATA
 TAAGGAAATGCCAGTTGATGAAGTTGTGAATGAGATGTGCCCAATATTACCAGGATTTACAACATT
 GGCAAAAGTCACCAGGGCCTGAAGTTGTATGCAGTAGAGATTTCTGACCATCCTGGGGAACACGAAGTTG
 GTGAGCCCGAGTCCACTACATCGCAGGGGCCATGGCAATGAGGTTCTGGGCGAGAGCTGCTGCTGCT
 GCTGCTGGAGTTCTCTGCCAGGAGTACTTGGCGCAGAACACACGCATCGTCCGCTTGGTGGAGGAGACT
 CGGATTACATTTACCTCCCTCAATCTGATGGCTATGAAAAGGCCTATGAAGGAGGTTCCGAGTTGG
 GAGGCTGGTCCCTGGGACGTTGGACCCATGATGGCATTGACATCAACAACAATTTCCGATTTAAACAC
 GCTGCTCTGGGAGGCAGAGGACCGGCAGAACGCCCAAGGAAAGTTCCCAACCACTACATTGCCATCCCT
 GAGTGGTTTCTGTCTGAGAATGCCACAGTGGCCATGGAGACCAGAGCCATCATTGCTGGATGGAGAAGA
 TCCCGTTTGTGCTGGGAGGCAACCTACAGGGGGTGGAGTGGTTGTAGCATACCCCTACGACATGGTGG
 GTCCCTGTGGAAGACCCAGGAGCACACCCCGACACCCGACGATCACGTGTTCCGCTGGCTGGCTTACTCT
 TATGCCTCCACTACCGCCTCATGACCGATGCCAGGAGGCGAGTGTGCCACACAGAGGAATTTCAGAAGG
 AAGAAGGCACCGTCAATGGGGCTTCTGGCACACCGTGGCTGGAAGTCTAAATGACTTCAGTTACCTCCA
 TACGAAGTGTCTTGGAGCTGTCCATCTACGTGGGCTGCGATAAATACCCACACGAGAGTGGCTGCCGAG
 GAATGGGAGAATAACCGGGAGTCTCTGATTGTGTTTATGGAACAGGTTTATCGAGGCATCAAGGCATAG
 TGAGAGACTTACAAGGGAAAGGATTTCTAATGCCATCATCTCTGTGGAAGGTGTTAACCATGACATCCG
 GACAGCCAGCGATGGGGATTATTGGCGCTACTGAACCTGGTGAATACGTGGTACAGCGAAAGCAGAA
 GGCTTTATCACCTCCACCAAGAAGTGCATGGTTGGCTATGACATGGGAGCAACTCGGTGTGACTTCACAC
 TCAGCAAGACCAACCTGGCTAGGATAAGAGAAAATCATGGAGACATTTGGGAAGCAGCCTGTCAACCTACC
 TGCCAGGGCCTGAAGCTGCGGGGACGAAAAAGCGGCAGCGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106306
Insert Size: 2289 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_001106306.1</u> , <u>NP_001099776.1</u>
RefSeq Size:	3498 bp
RefSeq ORF:	2289 bp
Locus ID:	293566
Cytogenetics:	1q41