

Product datasheet for **SC104719**

CPXM2 (NM_198148) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPXM2 (NM_198148) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPXM2
Synonyms:	CPX2; UNQ676
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC104719 sequence for NM_198148 edited (data generated by NextGen Sequencing)

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ATGTCCCGCCCGGGGACCGCTACCCAGCGCTGGCCCTGGTGCTCCTGGCAGTGACCCTG
GCCGGGTCGGAGCCCAGGGCGCAGCCCTCGAGGACCCTGATTATTACGGGCAGGAGATC
TGGAGCCGGGAGCCCTACTACGCGCGCCCGAGCCCGAGCTCGAGACCTTCTCTCCGCCG
CTGCCTGCGGGGCCCGGGGAGGAGTGGGAGCGCGCCCGCAGGAGCCAGGCCGCCCAAG
AGGGCACCAAGCCCAAGAAAAGCTCCCAAGAGGGAGAAGTCGGCTCCGGAGCCGCTCCA
CCAGGTAACACAGCAACAAAAAGTTATGAGAACCAAGAGCTCTGAGAAGGCTGCCAAC
GATGATCACAGTGTCCGTGTGGCCCGTGAAGATGTCAGAGAGAGTTGCCACCTCTTGGT
CTGAAACCTTAAAAATCACAGACTTCCAGCTCCATGCCTCCACGGTGAAGCGCTATGGC
CTGGGGGCACATCGAGGGAGACTCAACATCCAGGCGGGCATTAAATGAAAATGATTTTTAT
GACGGAGCGTGGTGC GCGGAAGAAATGACCTCCAGCAGTGGATTGAAGTGGATGCTCGG
CGCCTGACCAGATCACTGGTGTCACTCAAGGGAGGAACTCCCTCTGGCTGAGTGAC
TGGGTGACATCCTATAAGGTCATGGTGAGCAATGACAGCCACACGTGGGTCACTGTTAAG
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CCCACCCCGATGACCACGTGTTCCGCTGGCTGGCCTACTCCTATGCCTCCACACCCGC
CTCATGACAGACGCCCGAGGAGGTGTGCCACACGGAGGACTTCCAGAAGGAGGAGGGC
ACTGTCAATGGGGCTCCTGGCACACCGTCGCTGGAAGTCTGAACGATTTCAAGTACCTT
CATACAACTGCTTGAAGTGTCCATCTACGTGGGCTGTGATAAATACCCACATGAGAGC
CAGCTGCCCGAGGAGTGGGAGAATAACCGGGAATCTCTGATCGTGTTCATGGAGCAGGTT
CATCGTGGCATTAAAGGCTTGGTGGAGATTACATGGAAAAGGAATCCCAAACGCCATT
ATCTCCGTAGAAGGCATTAACCATGACATCCGAACAGCCAACGATGGGGATTACTGGCGC
CTCCTGAACCTGGAGAGTATGTGGTACAGCAAAAGGCCGAAGTTTCACTGCATCCACC
AAGAACTGTATGGTTGGCTATGACATGGGGGCCACAAGGTGTGACTTCACTTAGCAAA
ACCAACATGGCCAGGATCCGAGAGATCATGGAGAAGTTTGGGAAGCAGCCCGTCAGCCTG
CCAGCCAGCGGCTGAAGCTGCGGGGGCGGAAGAGACGACAGCGTGGGTGA

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Clone variation with respect to NM_198148.2
 1575 c=>t;1632 c=>t;2249 a=>g

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_198148 unedited</p> <pre>NNGTGGCGATTTTGTACACGTATTCACTATAGGGCGGACCGCAATTCGCACCAGGTGCC CTGCGCCCTTGCCCCGCGCCAGCTTCTGCGCCCGCAGCCCGCCCGGCCCGCCCGGTGACC GTGACCTGCCCCTGGGCGCGGGGCGGAGCAGGCATGTCCCGCCCGGGGACCGCTACCCCA GCGCTGGCCCTGGTGCTCCTGGCAGTGACCCTGGCCGGGTTCGGAGCCCAGGGCGCAGCC CTCGAGGACCTGATTATTACGGGCAGGAGATCTGGAGCCGGGAGCCCTACTACGCGCGC CCGGAGCCCGAGCTCGAGACCTTCTCTCCGCGCTGCCTGCGGGGCCCGGGGAGGAGTGG GAGCGGCCCGCCAGGAGCCAGGCCCGCCCAAGAGGGCCACCAAGCCCAAGAAAGCTCCC AAGAGGGAGAAGTCGGCTCCGGAGCCGCCTCCACCAGGTAACACAGCAACAAAAAGTT ATGAGAACCAAGAGCTCTGAGAAGGCTGCCAACGATGATCACAGTGTCCTGTGGCCCGT GAAGATGTCAGAGAGAGTTGCCACCTCTTGGTCTGGAAACCTTAAAAATCACAGACTTC CAGCTCCATGCCTCCACGGTGAAGCGCTATGGCCTGGGGGCACATCGAGGGAGACTCAAC ATCCCAGCGGGCATTAAATGAAAATGATTTTTATGACGGAGCGTGGTGCGCCGAAAGAAT GACCTCCAGCAGTGGATTTGAGTGGATGCTCGGCGCTGACCAGATTCAGTGGTGCATC ACTCAAGGGGAGAACTCCCTCTGNCTGAGTGACCTGGTGACATCTATAAGGTCATGGTG AGCAATGACAGCCCCACGTGGGTACTGGTAAGAATGGATCTGGGGACATGATATTTGAG GGAAACATGAGAAGGAGATCCTG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_198148 unedited</p> <pre>TAAAAAATTTTTTTTTTGTCTTACCATTGCTTTATTTTTTTTTTTCATTTTTCCAG GTCAATGAGGCAGCAACATTAACAAAAAGTGAGACATACTTTTTTCTTGCAAGATAATTC AATAATTTCTCCAAACTGATGCTCCACAGATAATCCTAAGAGGTTTTTCATTACATTTAG CCTAATCTGGAAGGTCTGGCATTCTACATATCAAAAATAACTCCCAGGCTGATATGAGGC CAACCCATGAGCACTCAATTCACACAGGGCAATACCTCAAGCAGAGAGAGGGCTTCAG GCCACCCCACTTCTGGCTCTTCCAGTCTAGCAGGTAAGAGGAGATCCAGGCTAAAT TTTCTGGCCCTTCAGGAAGGCTGGCACCTCTGGCTCTCCCTACCTGGGAACTCCAGGG CTACTGGATCAGCAGGGACTTTGGGGTGTGTTATGGACCCAGAAATTTGTGCAAGAAGCT CCATGCTTGCTGCCCAACAACTCCTGAATGATCTCAGCCTCTCTCTCTTTTCTGAACA CACTCCTTTGTTGAAAAAGGAGACTAAACAGATTCAAGATGCTCACTGATGTGCACTTG CAATGACGCTATTGTCAAAAGAACACAGAATTTATTTGTAGCAGCTTGCAATGTCCCANG GGCCAGAGAGGGTGGATTCTTTAAGACGCTGGGAGCATCTCAATGGTAACATTTGGG ACAGCCCCAGCTGGGAAAATGCTGCATTTTTAGCTGTGCAAAATGCAAAATGCACGTGGA ACCCTGGCTGCCCGCAACAGGGGAAAGCACAGAATCCTTTTCTATGCAGCCCCGAACT CTTGAACGAA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_198148
Insert Size:	4000 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:

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: [NM_198148.1](#), [NP_937791.1](#)

RefSeq Size: 3772 bp

RefSeq ORF: 3750 bp

Locus ID: 119587

UniProt ID: [Q8N436](#)

Cytogenetics: 10q26.13

Protein Families: Druggable Genome, Protease, Secreted Protein, Transmembrane

Gene Summary: May be involved in cell-cell interactions.[UniProtKB/Swiss-Prot Function]