

Product datasheet for **SC324244**

CPXM (CPXM1) (NM_019609) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPXM (CPXM1) (NM_019609) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPXM
Synonyms:	CPX1; CPXM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_019609.3
 CCGACCCGCCACCCGCCGTAGCCCGCGGCCCTGGCACTCAATCCCCGCCATGTGGGG
 CTCCTGCTCGCCCTGGCCGCTTCGCGCCGGCCGTGGCCCGGCTCTGGGGGCGCCAGG
 AACTCGGTGCTGGGCCTCGCGCAGCCCGGGACCACCAAGTCCCAGGCTTGACCCCGCC
 CTGCATAGCAGCCCGGCACAGCCCGCGGAGACAGTAACGGGACCTCAGAACAGCAT
 GTCCGGATTCGAGTCATCAAGAAGAAAAAGTCAATTATGAAGAAGCGGAAGAAGTAACT
 CTAACCTGCCCCACCCCACTGGTGACTGCCGGGCCCTTGTGACCCCACTCCAGCAGGG
 ACCCTCGACCCCGCTGAGAAACAAGAAACAGGCTGTCTCTTTGGGTCTGGAGTCCCTG
 CGAGTTTCAGATAGCCGGCTTGAGGCATCCAGCAGCCAGTCTTTGGTCTTGACCACAC
 CGAGGACGGCTCAACATTCAGTCAGGCCTGGAGGACGGCGATCTATATGATGGAGCTGG
 TGTGCTGAGGAGCAGGACGCCGATCCATGGTTTCAGGTGGACGCTGGCACCCCAACCCG
 TTCTCGGGTGTTATCACACAGGGCAGGAACCTGTCTGGAGGTATGACTGGGTACATCA
 TACAAGTCCAGTTCAGCAATGACAGTCGGACCTGGTGGGGAAGTAGGAACCACAGCAGT
 GGGATGGACGCAGTATTTCTGCCAATTCAGACCCAGAACTCCAGTGTGAACCTCTG
 CCGGAGCCCCAGGTGGCCGCTTATTGCCTGTGCCCCAGACCTGGCTCCAGGGAGGC
 GCGCCTTGCCCTCCGGGCAGAGATCCTGGCTGCCAGTCTCAGACCCCAATGACCTATTC
 CTTGAGGCCCTGCGTCGGGATCCTCTGACCCTTAGACTTTAGCATACAATTACAAG
 GCCATGAGGAAGCTGATGAAGCAGGTACAAGAGCAATGCCCAACATCACCCGCATCTAC
 AGCATTGGGAAGAGCTACCAGGGCCTGAAGCTGTATGTGATGAAATGTCGGACAAGCCT
 GGGGAGCATGAGCTGGGGAGCCTGAGGTGCGCTACGTGGCTGGCATGCATGGGAACGAG
 GCCCTGGGGCGGGAGTTGCTTCTGCTCCTGATGCAGTTCCTGTGCCATGAGTTCCTGCGA
 GGAACCCACGGGTGACCCGGCTGCTCTGAGATGCGCATTACCTGCTGCCCTCCATG
 AACCTGATGGCTATGAGATCGCTACCACCCGGGTTCCAGAGCTGGTGGGCTGGGCCGAG
 GGCCGCTGGAACAACCAGAGCATCGATCTTAACCATAATTTTGGTACCTCAACACCA
 CTGTGGGAAGCACAGGAGATGGGAAGGTGCCACATCGTCCCAACCATCACCTGCCA
 TTGCCACTTACTACACCCTGCCAATGCCACCGTGGCTCCTGAAACGCGGGCAGTAATC
 AAGTGGATGAAGCGGATCCCCTTTGTGTAAGTGCCAACCTCCACGGGGTGAGCTCGTG
 GTGTCCTACCCATTGACATGACTCGCACCCCGTGGGCTGCCCGGAGCTCACGCCACA
 CCAGATGATGCTGTGTTTCGCTGGCTCAGCACTGTCTATGCTGGCAGTAATCTGGCCATG
 CAGGACACCAGCCGCGACCCTGCCACAGCCAGGACTTCTCCGTGCACGGCAACATCATC
 AACGGGGCTGACTGGCACACGGTCCCCGGGAGCATGAATGACTTCAGCTACCTACACACC
 AACTGCTTTGAGGTCACTGTGGAGCTGTCTGTGACAAGTTCCTCAGGAAATGAATTG
 CCCCAGGAGTGGGAGAACAACAAGACGCCCTCCTCACCTACCTGGAGCAGGTGCGCATG
 GGCATTGCAGGAGTGGTGGGACAAGGACACGGAGCTTGGGATTGCTGACGCTGTCTATT
 GCCGTGGATGGGATTAACCATGACGTGACCACGGCGTGGGGCGGGGATTATTGGCGTCTG
 CTGACCCAGGGGACTACATGGTGACTGCCAGTGCCGAGGGTACCATTGAGTACACGG
 AACTGTCCGGTACCTTTGAAGAGGGCCCTTCCCCTGCAATTTCTGTGCTACCAAGACT
 CCCAAACAGAGGCTGCGCGAGCTGTGGCAGCTGGGCCAAGGTGCCCCCGGACCTTCGC
 AGGCGCTGGAGCGGCTAAGGGGACAGAAGGATTGATACCTGCGGTTTAAGAGCCCTAGG
 GCAGGCTGGACCTGTCAAGACGGGAAGGGGAAGGTAGAGAGGGAGGGACAAAGTGAAG
 AAAGGTGCTCATTAAAGTACCGGGCACCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAA
 AAA
 AAA

Restriction Sites: ECoRI-NOT

ACCN: NM_019609

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_019609.3</u> , <u>NP_062555.1</u>
RefSeq Size:	2390 bp
RefSeq ORF:	2205 bp
Locus ID:	56265
UniProt ID:	<u>Q96SM3</u>
Cytogenetics:	20p13
Domains:	F5_F8_type_C, Zn_carbOpept
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	<p>This gene likely encodes a member of the carboxypeptidase family of proteins. Cloning of a comparable locus in mouse indicates that the encoded protein contains a discoidin domain and a carboxypeptidase domain, but the protein appears to lack residues necessary for carboxypeptidase activity.[provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>