

Product datasheet for **SC113268**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113268 sequence for NM_019609 edited (data generated by NextGen Sequencing)

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ATGTGGGGGCTCCTGCTCGCCCTGGCCGCTTCGCGCCGGCCGTGCGCCCGGCTCTGGGG
GCGCCAGGAAGCTCGGTGCTGGGCTCGCGCAGCCCGGGACCACCAAGGTCCCAGGCTCG
ACCCCGGCCCTGCATAGCAGCCCGGCACAGCCCGCGGAGACAGCTAACGGGACCTCA
GAACAGCATGTCCGATTTCGAGTCATCAAGAAGAAAAAGTTCATTATGAAGAAGCGGAAG
AAGCTAACTCTAACTCGCCCAACCCCACTGGTGACTGCCGGGCCCTTGTGACCCCACT
CCAGCAGGGACCCTCGACCCCGCTGAGAAACAAGAAACAGGCTGTCTCCTTTGGGTCTG
GAGTCCCTGCGAGTTTCAGATAGCCGGCTTGAAGCATCCAGCAGCCAGTCCCTTTGGTCTT
GGACCACACCGAGGACGGCTCAACATTCAGTCAGGCTGGAGGACGGCGATCTATATGAT
GGAGCCTGGTGTGCTGAGGAGCAGGACGCCGATCCATGGTTTCAGGTGGACGCTGGGCAC
CCCACCCGCTTCTCGGTGTTATCACACAGGGCAGGAAGTCTGTCTGGAGGTATGACTGG
GTCACATCATAAAGTCCAGTTCAGCAATGACAGTCGGACCTGGTGGGAAGTAGGAAC
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GACCTATTCTTGAAGCCCTGCGTCGGGATCCTCTGACCTCTAGACTTTCAGCATCAC
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GAGCTCGTGGTGTCTACCCATTGACATGACTCGCACCCCGTGGGCTGCCCGGAGCTC
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CTGGCCATGCAGGACACCAGCCCGGACCCTGCCACAGCCAGGACTTCTCCGTGCACGGC
AACATCATCAACGGGGCTGACTGGCACACGGTCCCAGGAGCATGAATGACTTCAGCTAC
CTACACACCAACTGCTTTGAGGTCACTGTGGAGCTGTCTGTGACAAGTTCCTCACGAG
AATGAATTGCCCCAGGAGTGGGAGAACAACAAGACGCCCTCCTCACCTACCTGGAGCAG
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GCTGTCATTGCCGTGGATGGGATTAACCATGACGTGACCACGGCGTGGGGCGGGATTAT
TGGCGTCTGCTGACCCAGGGGACTACATGGTACTGCCAGTGCCGAGGGCTACCATTC
GTGACACGGAAGTGTCCGGTACCTTTGAAGAGGGCCCTTCCCCTGCAATTTTCGTGCTC
ACCAAGACTCCCAACAGAGGCTGCGCGAGCTGCTGGCAGCTGGGGCCAAGGTGCCCCCG
GACCTTCGAGGCGCTGAGCGGCTAAGGGGACAGAAGGATTGA

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Clone variation with respect to NM_019609.4

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_019609 unedited CATTGTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCATGTGGGG CTCCTGCTCGCCCTGGCCGCTTCGCGCCGGCCGTGCGCCCGGCTCTGGGGGCGCCAGG AACTCGGTGCTGGGCCTCGCGCAGCCCGGGACCAAGTCCCAGGCTCGACCCCGGCC CTGCATAGCAGCCCGGCACAGCCCGCGGAGACAGTAACGGGACCTCAGAACAGCAT GTCCGGATTCGAGTCATCAAGAAGAAAAAGTCAATTATGAAGAAGCGGAAGAAGCTAAT CTAACTCGCCCCACCCCACTGGTGACTGCCGGGCCCTTGTGACCCCACTCCAGCAGGG ACCCTCGACCCCGCTGAGAAACAAGAAACAGGCTGTCTCTTTGGGTCTGGAGTCCCTG CGAGTTTCAGATAGCCGGCTTGAGGCATCCAGCAGCCAGTCTTTGGTCTTGACCACAC CGAGGACGGCTCAACATTCAGTCAGGCCTGGAGGACGGCGATCTATATGATGGAGCTGG TGTGCTGAGGAGCAGGACCCGATCCATGGTTTCAGGTGGACGCTGGGCACCCACCCGC TTCTCGGTGTTATCACACAGGGCANGAACTCTGTCTGGAGGTATGACTGNGTCACATCA TACAAGTCCAGTTCAGCAATGACAGTCGGACCTGGTGGGGGAAGTAGGAACCACAGCAG TGGGATGGACGCAGTATTTCTGCCATTGACACCCAGAACTNCAGTGTGAACCTNCT GCNCGAGCCCCAGTGGNCCNGCTCATTGCTGCTGCCCCAGACCTGGCTTCAGGNAGG CGCGCCCTGCCTCCGGGAGAGATCCTGGCCTGTCCAGTCTCAGACCCCATGACCTATTN CTTGAGGCCCTGCGTCGGGATCCTCTGACCTCTAGACTTTAGCATCCAATACCAGGCTT GAGAAGCTGTGAACAGGTCAAGACATGCCCACT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_019609 unedited TANNGATCGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGGGCCCGGTAGCTTTAATGAG CACTTTTCTCACTTTGTCCCTCCCTCTACTCTTCCCCTTCCCGTCTTGACAGGTCC AGCCTGCCCTAGGCTCTTAAACCGCAGGTATCAATCCTTCTGTCCCCTTAGCCGCTCCA GCGCCTGCGAAGTCCGGGGCACCTTGCCCCAGCTGCCAGCAGCTCGCGCAGCCTCT GTTTGGGAGTCTTGGTGAGCACGAAATTGCAGGGGAAGGGGCCCTCTTCAAAGGTGACCC GACAGTCCCGTGTCACTGAATGGTAGCCCTCGGCACTGGCAATCACCATGTAATCCCCTG GGGTCAGGCAAACCAAATTATCCCCGCCCCCCCCCCGGGGTCCCCTTCTGGGTTAA CCCCCTCCCCGGGAATGAAAAGGTCAAAAAATCCAAAACCCGGGGGCCCTTTCCCC CCCCCTCCCCGGAAAGGCCATGGCCCCCTGGTTTCAAGGGGGGGGAAGGGGGGGC GCCCTTTTTTTTTTCTTCCCCCCCCCGGGGGGCAATTTTTTTTTTTTGGGAAAAA AATTTTTTTAAGAAAAAACCCCCCCGGGGGCCCCCCACAAAAAAATTGGGGGTGTAA GGGACCTCAAAAAAAATTTTTTTTCCCCCCCCGGGAGAAAACTTTTGTCTCAAAAAAC ACCCCCCTTGGTTATTTTGGTTTGGC</p>
Restriction Sites:	ECORI-NOT
ACCN:	NM_019609
Insert Size:	2500 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:	NM_019609.3 , NP_062555.1
RefSeq Size:	2390 bp
RefSeq ORF:	2205 bp
Locus ID:	56265
UniProt ID:	Q96SM3
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>