

Product datasheet for **SC208660**

LCMT2 (NM_014793) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LCMT2 (NM_014793) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LCMT2
Synonyms:	PPM2; TYW4
ACCN:	NM_014793
Insert Size:	2000 bp



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Insert Sequence: >SC208660 3'UTR clone of NM_014793
 The sequence shown below is from the reference sequence of NM_014793. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACCTTTCTTCTTAAGTGCTGGGCAGTAAGGACTGGACTAATATTCAGGACCCACTAAAGTAGACAAT
AAAGTTTTCCACAAATAGGATGACCCTCTAGCTATAGATACTGCCACTCCTCCTTTCCCATCCTTTTT
TTCCCTTAGCACTATTCAAGTCAAAAAAGTAAAAAGGTTGGTAAAATAGGTAAAATACCTAGAAACAAT
CACTACAGAAAACAGCTGAAGACAGTGGCCATGCAGTCCGAGAGGAGTAGTGGTCTGCCTCTAATTTTC
TAATCTAAGTTCGTTTATTGAGTTACAGTGGTCTTTAGTAAAGTAAAACAATTTCCCAATCCCAGGCCT
TGTGATTTGAGATGGTACCTTAGAAAAAGTTACACGCAGTTCCTGGTGAATATATTTGAGATGGTAC
CTTAGAAAAAGTTTACGCAGATCCTTGGTTGAATATAGTTGAGGGAGCGTAGTATTGACAATCTTCA
TGTAGGAAACCTGAAATGAACACAGTACAGTTTGATTAACATTGTCCTGTTTGTGCAACAGAAAA
CTCGGATAGTTTTAAACAAGGAAACACTTGTAGGACTTCTTTACCAACATACTTTTTAAATGTTTTG
CTATTGGTTCCATATTTATTTAGATTTATAAGTGTCAATAAAGCAAACCTTTTGATGCCTCAATTCATTT
TGCACGGGTATAATAATGTTTTGTTCCAGATATACTCTCCACCTTTCACTGTTCTGTGCTCCAAGAGG
CTGACCTTTATGGGCTGCATCAAGGAGCTCTTTACTTTTTGGTTGAGTTCACCAGTCAGAGGCACC
AGAGGGGAATGGGGGCAAAAAGAAGAGTGAGAGTGAGTTGGTATTTATCCCAATTTTCCCCTGTTGG
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AGACAGAGTTCTAATCTGCATCATCCCAGTTTCAGTAATTGTTCTTTACTTCACCTTTTCAGGCCT
AGGAGTTGTGATGGCTCTTTGCTAGACCTGAACTGTACTGTCCAATGTGGTAGCTATTGACAACATGTG
ACTATTTAAACGAATTAATAAATTCAGTGGCTTAGTCACATTGACCACATTTTAAGTGCTTAATAACTA
TGTGTGGCTTTGGCTACTGTATTAGACAATGTAGATGTAGAACATTTTCATCGTTACAGAAATTTCTACT
GGACACTGCTGACTGGATATCTTGACTTGGTTTCCCTTAACCCTACTCAGCCCCTTATAGTTAGCATCC
CATTAACCTCAATTATCCCTTTAAATGGGAATCTGTTGCCTAGTGAGCCATGTGAGATCAATGAAATA
GCTATTCATCCTTAAATTTGAGCCTTAAATTTGTCATCTAAATATGCATACCTTGTGAAATATACACC
TCAAAAAATGTAGTGGCTTTGGTGGTAATAAGTGTATTACTTTAGTATTTCTTCTAGTCTAGAAACC
TTAGTAGTTTTCTTACAAGTGCCTAAATGATTATTATGAACCATCATTGATGACAAATTCATCCT
TTATTTCTATTAATTTTGCATATAAATGGATGTGAAAGGTGATTAATATAAAAACCAAGTAGCAAACAC
AAACCTAAGTGTATGGAGAGGACAGTCTTGGCTCTGTTAGATGAAGCCTCCCCGGGGGAGACCAGCTGA
ATGAGGGTTGTGGTATAGGCTGGGCATGGTGGCTCACGCCTATAAATCCAGCACTTTGGGAGGCCAAGA
CAGAAGGATCACTTAAAGCCAGGAGTTAAGACCAGCCAGGCAACAAAGTCAGATCCCCATCTCTACA
AAAAATAAGTAGGCACGGTGGTGTGCTTGTAGTCTTGGATACTCTGGAGGCTGAGGTGATAGTGAG
CTGTGATTGTGCCACTGCACTCTGCCTGGTTGACAGAGTGAGACCCCGTCTCTTAAAAAGAAAAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_014793.5](#)

Summary: The protein encoded by this intronless gene belongs to the highly variable methyltransferase superfamily. This gene is the inferred homolog of the *Saccharomyces cerevisiae* carboxymethyltransferase gene PPM2 that is essential for the synthesis of the hypermodified guanosine Wybutosine (yW). [provided by RefSeq, Jul 2008]

Locus ID: 9836

MW: 75.2