

Product datasheet for **RN209059**

Lcmt1 (NM_199405) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lcmt1 (NM_199405) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lcmt1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209059 representing NM_199405 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACCGGCTCGAGGGAGTCTCGTTTTCTCTCGCGTTCGAGCTGTGACTTTGACGACGAGGGAG
TGC GCGCACCTGCGAAGATGCTTCTCTGCAAGAGTTTGGGTGAGCATTGGCCACTGGCATGATCC
ATACATCGAACATCTTGTGAGGCAGTCTAAAGAGAGGAAGGCCCTGAAATTAACAGAGGATATTTGCT
CGTGTTTCATGGTGTGAGTCACTTATTAAGCTTTTCTCCGGAAGACAGAATGCCGATGTCAAATCTCA
ACCTTGGGGCTGGGATGGATACACCTTCTGAAATTAAGGATGAAGTCTTCTCCAAATAAATATTT
TGAAGTTGACTTTCCAATGATAGTCACAAGAACTGCACACCATCAAAAACAAGCCACTTCTATTCAGA
CCCATCATGGAGTTACACCCAGAGGATACTCTTCAAATAGATAGTCACATGCTGGATTCAAAAAGATATG
CCATCATTGGAGCAGATCTCCGAGACCTTTCTGAGCTGGAAGAGAACTAAAGAAATGTAACATGAATAC
ACAGTTGCCACACTCCTGATAACCGAATGTGTGCTGGTGTACATGACTCCGGAGCAGTCAGCCAACCTC
CTAAAGTGGGCAGCCCGAGTTTTGAGACGGCCATGTTTATAAATTAAGAGGTCACATGGATGACC
GGTTTGGGCAGATCATGATTGAAAACCTCCGGAGGCGACAGTGTGACCTGGCAGGAGTGGAAACCTGCAA
ATCACTGGAGTCTCAGAAGGAACGACTGCTGTTGAATGGTGGGAGACGGCTCTGCAGTGAACATGATG
GAGCTGTACAGTGGCTTCTCGGGCAGAGGTAACAGAAATAGAATCCCTCGAGTTCTGGATGAAATGG
AGCTTCTAGAGCAGCTCATGCGGCATTACTGCCTGTGCTGGGCCACCCGAGGGGGCCAGGAGCTGGGTTT
GAAGGAGATAACCTATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_199405
Insert Size:	999 bp



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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_199405.2 , NP_955437.1
RefSeq Size:	1337 bp
RefSeq ORF:	999 bp
Locus ID:	361643
UniProt ID:	Q6P4Z6
Cytogenetics:	1q36
Gene Summary:	human homolog is a carboxyl methyltransferase; involved in the methylation of catalytic subunit of protein phosphatase 2A [RGD, Feb 2006]