

Product datasheet for **SC123511**

LCMT1 (BC029609) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LCMT1 (BC029609) Human Untagged Clone
Tag: Tag Free
Symbol: LCMT1
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF:

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>OriGene sequence for BC029609 edited
ACTGAGCCGCGCCAGCTGAGCCAGTGGAGCCCTACTTTCCTCCTCTGCTTTCTGCCTGT
GACTAGCGCCGTCCCCTACCGCCGTCGACCCCACTTCCATGTCTGGCGGACACAGCTCC
CCGGAACCTCCACGCCATGGCCACTAGACAGAGGGAGTCTTCCTCACCTCCTGCTTTT
CCACCTGGAATTGCGACGCGGGCGACGAGGGCATGGGCTGCACCTGCGAAGATGCTTCT
TGTGCAAGAAGCGCTGTGCGGGCGGGATTGCGGGCTGGCATCTGGGACGCGGGCTGAG
GTGGGAGGCGGGCTGCATCTGAAGAATACGCTCGGAGGCTGGCAGGTTGCTGCCCCGC
CTCGCACGACCCTCGCTTCCCACCTGTGAAATGCACAGAACAGGGCTTCATTTATTTAAC
GAATCGTTTCTGAGCTCCTGCTGTGAGCCAGGCTTGGAGCAAGCCTGGTACTGTGGATG
GGAGCAGGCCCTGAACCAGGCGGACGGGTCTTGGCGTTCTCGGAGCTAAACGCTGCTA
GAAAGACAAACATGATGCACCTAACTACTGTCTCCGTAGATTATGAGGATGAGAGGTGGA
GGTTCTCTCTTTTTAGGTATGATCCCCGTTGTGCACCTGAAACTCAGGCGATGACTTTC
AGTGAAGGAAATGACCTGTCTAGGGCCACATAATACCTGTTTGAAAAGCCAGTACCACAC
TAAGTCTCCACTATTAAGGGTGTGATGGTGGGGTGGGGTGTAGGGAGCACAGGTATGT
GTCAGAAAAGAGAAAACATGAGGCTTGTGAGTGTGTCGTCATTTATTCACTCATTCTACA
AAAATGGAGAGCTTACTTTGTGCCAGGGCCTTATTTGGGCTGGTGGTGGGGATTGAGTA
ATGGGAATACACCAAGAACAAGACAGACGTGCTGCCAGACATACTGGAACACACGGTTTA
GTTGGGAAAGACTGACAGGAAATAATTATCCATGAGATACATAATTAATAATTTGGTGTG
TGCACTGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC029609 unedited GGGCTCGNGTTTTGTATACGACTCACTATAGGGCGGCCGCGACTTCGCCCTTCCACGGAC CTGACCATGACCCCTCCACACCAAAGGCATCTGGGGTGGCCCTACTGCATCAGATCCAAGG GAACGAGCTGGAGCCCCTGAACCGTCCGCAGCTCAAGATCCCCCTGGAGCGGCCCTGGG CGAGGTGTACCTGGACAGCAGCAAGCCCGCCGTGTACAACACCCCGAGGGCGCCGCCTA CGAGGTCAACGCCCGCGCCGCATAAATTCTGTATAGCATAACATTATACGAAGTTATGGATC AGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGACTGAGCCGCGCCAGCTGAGCCA GGTGGAGCCCTACTTTCTCTCCTGCTTTCTGCCTGTGACTAGCGCCGTCCTCCCTACCGCC CGTCGACCCCACTTCCATGTCTGGCGGACACAGCTCCCCGGAACCTCCACGCCCATGGCC ACTAGACAGAGGGAGTCTTCTTCCACCTCCTGCTTTTCCACCTGGAATTGCGACGCGGGC GACGAGGGCATGGGCTGCACCTGCGAAGATGCTTCTTGTGCAAGAAGCGCCTGTCGGGC GCGGGATTGCGGGCTGGCATCTGGGACGCCGGCTGAGGTGGGAGGCGGGCCTGCATCTGA AGATACGCTCGGAGGCTGGCAGTTGCTGCCCCGCTGGCACGACCCTCGCTTCCACCT GTGAAATGCACAGAACAGGGCTTCATTTATTTAACCAATCGTTTCTGAGCTCCTGCTGTG AGCCAGGCTGGGAGCAAGCCTGGGTACCGGGGGATGGGACCATGGCCCTGAACCAGGC GTGAGGGGTCTTGGCGTTCCTGGAAGCTAAACCCTGTGGGAAGGCAAACATGGTGCC CCCAACACTGGGTCCCTAAATATGAGGAGAAAA
Restriction Sites:	Please inquire
ACCN:	BC029609
Insert Size:	1066 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:	BC029609.1
RefSeq Size:	1066 bp
Locus ID:	51451
Cytogenetics:	16p12.1
Protein Pathways:	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism

Gene Summary:

LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (Leu309) of the catalytic subunit of protein phosphatase-2A (PPP2CA; MIM 176915) (De Baere et al., 1999 [PubMed 10600115]).[supplied by OMIM, Mar 2008]