

Product datasheet for **SC104915**

CLNMT (CAMKMT) (BC029359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLNMT (CAMKMT) (BC029359) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLNMT
Synonyms:	FLJ23451
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC029359, the custom clone sequence may differ by one or more nucleotides

ATGGAGTCGCGAGTCGCGGACGCTGGGACCGCGAGACCGCGGAGCAGCGGGCGGGAGTCCGGCAGTTG
 GCTGCACCACTCGGGGGCCCGTAGTCTCGGCGCCCTGGGAGCCGCCGGTGGAAGCTCCTGCGGCAGGT
 TCTGAAGCAAAAACACCTGGATGATTGCCTGCGACATGTATCTGTAAGAAGATTTGAATCATTTAATCTG
 TTTTCAGTAACAGAAGGCAAAGAAAGGGAACTGAAGAGGAGTTGGTGCATGGGTCCAATATACAAGCA
 TCTTCTGCTGAATACAGTATCTCCTTAAGGCATAATAGTGGATCCTTGAATGTTGAAGATGTCCTTAC
 CAGCTTTGACAATACAGGAAATGTTTGGGAAGCAACCAGGGGAAAATGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for BC029359 unedited <pre> AAAGTTCAAAATTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCAGGCACCTCC GGGTGTGGAAGGCTCCAGTGAGATGGAGTCGCGAGTCGCGGACGCTGGGACCGGCAGAC CGCGCGAGCAGCGGGCGGGAGTCCGGCAGTTGGCTGCACCACTCGGGGGCCCGTAGTCTC GGCGCCCTTGGGAGCCGCGCCGGTGAAGCTCTGCGGCAGGTTCTGAAGCAAAACACCT GGATGATTGCCTGCGACATGTATCTGTAAGAAGATTTGAATCATTTAATCTGTTTTCACT AACAGAAGGCAAAAGAAAGGAACTGAAGAGGAGGTTGGTGCATGGGTCCAATATACAAG CATCTTCTGTCTGAATACAGTATCTCCTTAAGGCATAATAGTGGATCCTTGAATGTTGA AGATGTCCTTACCAGCTTTGACAATACAGGAAATGTTTGGTCTCACTCTGTTGCCAGGC TGGAGTGCAGTGGTGATCATAACTCAGTGCAGCCTCAAACCTCTGAACTGCTCATATATT TAAGAAACACTTCGTGGCAGAAGATTATGATACTCTTGCTTATTTATTGGCTTAAGGATT AAGGATCCCCAAAGTCTCAGACTTCAGCATCTGGCCATCTGAAGAGGTTTTGGCTTACTA CTGCCTCAAGCACAATAATATATTCAGGGCCCTTGCTGTGTGTGAGCTAGGGGTGGCAT GACATGCTTGGCTGGGCTCATGGTTGCTATTTCTGCAGATGTCAAAGAAGTTCTGTTAAC TGATGGGAATGAAAAGGCCATCAGAAATGTGNCAGACATCATCAGGGAATCAGAAGGC TGGNNTGTGGTTAAGACCCAGAAATATCAAGCTCGTTTTACGATGGGATAATGAGACAG ATGTCTCTCAACTGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC029359
Insert Size:	1750 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:	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:	BC029359.1 , AAH29359.1
RefSeq Size:	1158 bp
RefSeq ORF:	1158 bp
Locus ID:	79823
Cytogenetics:	2p21
Gene Summary:	This gene encodes a class I protein methyltransferase that acts in the formation of trimethyllysine in calmodulin. The protein contains a AdoMet-binding motif and may play a role in calcium-dependent signaling. [provided by RefSeq, Sep 2012]