

Product datasheet for RN213086

Mlc1 (NM_001108105) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mlc1 (NM_001108105) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Mlc1
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN213086 representing NM_001108105
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATACTTCTTGCTGGAAGTCCATCACCCAGAGGCCTGCTCTCCCAACGGCTGGACCACAGCAGAGTG
 CCATGACACGGGAGGGGAGTTCAGGGAGGAGCTGGGCTATGACCCGATGCCACACTGGAGAGGGTTCG
 ACAGGATGCAGGACGGCAGGACACAGGCAGTTACACCCCTGACACAAAGCCCAAGGACCTGCAGCTGACG
 AAGAGGTTGCCTCCGTCTTCAGCTACAAGACATGGGTATTCTCTGTGTTGATGGGGAGCTGCCTTCTCG
 TGACCTCTGGGTTTTTCGCTCTATCTGGGAAACGTGTTCCCTCCGAGATGGATTATTTGCGCTGTGCAGC
 AGGCTCTTGCATCCCCTCAGCAATCGTGAGCTTCGCTGTTGGGAGGAGAAATGTCAGTGGCATTCCCAAC
 TTTTCAGATATTGTTGTTTTCCACGTTTCGCTGTTACCACTACGTGCTTAATCTGGTTTGGATGCAAATTGA
 TCCTGAATCCTTCAGCCATAAATATTAATTTCAATCTCATCCTGCTCTTCTGTTGGAGCTCCTCATGGC
 TGCCACGGTGATCATCTCGGCCCGTCCAGTGAGGAGCCCTGCAAGAAGAAGAAGGGTTCATCTCGGAT
 GGCATAACATTCTGGATGAAGTGACTTTTCTGCTCGGGTCTAAAGTCTATTCTGTGGTAGAAGTAA
 TTGCTGGTGTCTCGGCTGCTCGGTGGGGTATCGCTCTAAATGTAGAGGAAGCTGTCTCAGGTCCCA
 TCTCTCGGTGACGTTCTTTGGATTTTAGTGGCTGTTTTCCAAGTCCATCGCCAGCCATGTGACAGCG
 GAATGTCCAGCAAATGTCTGGTGGAGTCTGATCACCATCAGCAGCCTTACGTCCCCTGCTGTTCA
 CCGCCTCTGGATACCTGTCTTACAGCTGATGAGAATCGTGGAGATTTTTAAAGATTACCCACCAGACAT
 CAAATCCTATGATGTGCTGCTGCTCCTGCTGCTGCTGCTGCTGCTTACAGGGGGACTCAACTGTC
 ACCGCCATCCAGTGTGTGAGCTTCAAAGTCAAGCAGCGCCCGGCTGCAGGCGGCTCCTGGGACTCCCAGTCT
 GTCCCCAGGAGCGGCCAGCAGGCGAGGTGGTCCGAAGCCCTCAAGGAGTTTGACAAAGAAAAGCCTG
 GAGAGCTGTGGTGGTACAAATGGCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108105
Insert Size:	1221 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:	<u>NM_001108105.1</u> , <u>NP_001101575.1</u>
RefSeq Size:	2777 bp
RefSeq ORF:	1221 bp
Locus ID:	315215
Cytogenetics:	7q34