

Product datasheet for **RG221951**

MLC1 (NM_139202) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MLC1 (NM_139202) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MLC1
Synonyms:	LVM; MLC; VL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG221951 representing NM_139202 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCAGGAGCCATTCAGAGAGGAGCTAGCCTATGACCGGATGCCACGCTGGAGCGGGGCCGCAAG
ACCCCGCCAGCTATGCCCCAGACGCGAAGCCGAGCGACCTGCAGCTGTGGAAGAGACTGCCCCCTGCTT
CAGCCACAAGACGTGGGTCTTCTGTGCTGATGGGGAGCTGCCTCCTGGTGACCTCGGGGTTTTCGCTG
TACCTGGGAACGTGTTCCCGGCTGAGATGGATTACTTGCCTGTGCTGCAGGCTCTGCATCCCCTCGG
CAATTGTGAGCTTACCCTCTCCAGGAGGAACCCAATGTGATCCCACTTTCAGATATTGTTTGTTC
CAGTTTTGCTGTGACCACTACGTGTTAATTTGGTTTGGATGCAAAGTAGTCTGAACCCATCAGCAATA
AACATCAACTTCAACCTCATCTCTGCTGCTCCTGCTGGAGCTGCTCATGGCGGCCACGGTGATCATGCTG
CACGGTCCAGCGAGGAGGACTGCAAGAAAAAGAAGGGCTCCATGTCTGACAGCGCCAACATTCTGGACGA
AGTGCCATTTCTGCTCGGGTCTGAAATCTTACTCAGTCGTCGAGGTAATCGCAGGCATCTCTGCCGTC
CTCGGGGGGATCATTGCCCTGAACGTGGATGACTCAGTTTCAGGCCACACCTCTCAGTGACGTTCTTTT
GGATCCTAGTGGCCTGCTTCCAAGTGCCATTGCCAGTCATGTGGCAGCAGAGTGTACAGCAAGTGTCT
GGTGGAGGTCCTGATTGCCATAAGCAGCCTCACGTCTCCGCTGCTGTTTACAGCCTCTGGATATCTGTCA
TTCAGCATCATGAGAATCGTGGAGATGTTAAGGATTACCGCCAGCCATAAAACCATCCTACGATGTGC
TGCTGCTGCTGCTGCTAGTGTCTCTGCTGCAGGCCGCTCAACACGGGCACCGCCATCCAGTGCCTG
GCGCTTCAAGGTCAAGGCTGCAAGGCTGCAGGTCATCCTGGGACACCCAGAACGGCCCGCAGGAGCGCCTG
GCTGGGAGGTGGCCAGGAGCCCTGAAGGAGTTCGACAAGGAGAAAGCCTGGAGAGCCGTCGTGGTGC
AAATGGCCAG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [NM_139202.1](#), [NP_631941.1](#)

RefSeq Size: 3572 bp

RefSeq ORF: 1134 bp

Locus ID: 23209

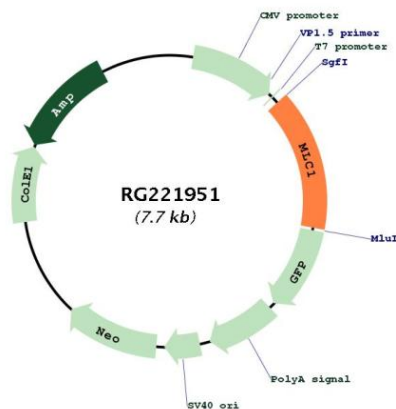
UniProt ID: [Q15049](#)

Cytogenetics: 22q13.33

Protein Families: Ion Channels: Other, Transmembrane

Gene Summary: The function of this gene product is unknown; however, homology to other proteins suggests that it may be an integral membrane transporter. Mutations in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG221951