

## Product datasheet for **SC122431**

### MYLC2PL (MYL10) (BC002778) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MYLC2PL (MYL10) (BC002778) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYLC2PL
Synonyms:	MYLC2PL; PLRLC
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC002778 edited  
 CCATAGCCTGCCTGTCTGCATGGTCCGCCTAGAGGTTTGAGCAGCTGGGCATGGAAGAAG  
 CGAGCCACACCCCATCGCATGCCCTATGAACGGGATAAGGGAACTTTTTCGCTTACCA  
 CTATGCCTGACTAATTTTTTAATTAATAAAAAAAAAATTTTTGTAGAAACAGAGTTTACCAT  
 GTTGCTTAGGCTGGTCTCAAACCTCCTGGCCTCAAGTGATCCTCCCTCCTCGGCCTCCCAA  
 AGTGCTGGGATTACAGGCACCGAGAAGAGCTCGGAAAAGAGCAGAAGGCACCGCCAGCTC  
 CAACGTCTTCTCCATGTTTGATCAGTCCCAGATCCAGGAGTTTAAAGAGAGTCTGGCTCT  
 GTCGCCCAGGCTGGAGCGCAATGGCATGATCTCGGCTCACTGCAACCTCTGCCTCAGGG  
 TTCAAGCAATTCTCCTGCCTCAGCCTCCAAGCTTTCACCATCATGGACCAGAACCCTGA  
 TGGCTTCATCGACAAAGAGGACTTGAGGGACACCTTTGCCGCGCTGGGCCGATCAATGT  
 CAAGAACGAGGAAGTGGAGGCCATGGTGAAGGAGCCCCGACCCATCAACTTCACGGT  
 GTTCTGACCATGTTTGGGGAGAAGCTGAAGGGCACGGACCCAGAGGAGACCATTCTCCA  
 CGCCTTCAAAGTGTTCGACACTGAAGGGAAGGTTTTCGTCAAGGCCGATGTCATCAAAGA  
 AAAACTTATGACCCAGGCAGACCCTTCAAGTGAAGGAGGAGGTTCAAGCAGATGTTTGCAGC  
 GTTTCACCCAGATGTGTGCGGCAACCTGGACTACAGAAACCTGTGCTACGTCACTCA  
 CGGTGAAGAGAAGGATTAGGGGATCACAAGTCTCCCCGACATTGAGGGCAGCAAACACT  
 GTTGTGGGGTGTGACAGGGAGCTTTGCAGCCAGAGGCTGCAGGAAAAAGGCTTCCCTTG  
 TCCTACGGTTGGGGACAAAGCAAGAATAAATAATGCTAATGAGGTCTGAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC002778 unedited NNNCCAGTCAAAATTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGCCATA GCCTGCCTGTCTGCTGGTCCGCCTAGTGGTTTGTAGCAGCTGGGCATGGAAGAAGCGAGCC ACACCCCATCGCATGCCCTATGAACGGGATAAGGGAACTTTTTCGCTTCACCACTATGC CTGACTAATTTTTTAATTAATAAAAAAATTTTTTGTAGAAACAGAGTTTCACCATGTTGCT TAAGCTGGTCTCAAACCTCTGGCCTCAAGTGATCCTCCCTCCTCGGCCTCCCAAAGTGCT GGGATTACAGGCACCGAGAAGAGCTCGGAAAAGAGCAGAAGGCACCGCCAGCTCCAACGT CTTCTCCATGTTTGATCAGTCCCAGATCCAGGAGTTTAAAGAGAGTCTGGCTCTGTGCGC CAGGCTGGAGCGCAATGGCATGATCTCGGCTCACTGCAACCTCTGCCTCACGGTTCAAG CAATTCTCCTGCCTCAGCCTCCCAAGCTTTCACCATCATGGACCAGAACCGTGATGGCTT CATCGACAAGAGGACTTGAGGGACACCTTTGCCGCGCTGGGCCGCATCAATGTCAAGAA CGAGGAAGTGGAGGCCATGGTGAAGGAGGCCCGGACCCATCAACTTCACGGTGTTCCT GACCATGTTTGGGAGAAGCTGAAGGGCACGGACCCAGAGGAGACCATTCTCCACGCCTT CAAAGTGTTCGACACTGAAGGAAAGGTTTCGTCAAGGCCGATGTCATCAAAGAAAAACT TATGACCCANGCAGACCGCTTCAGTGAGGAGGGAGTCAAGCAGATGTTTGCAGCGTTTCC CCCANATGTGTGCGGGCACCTGGACTACAGAAACCTGTGCTACGTCATCACTCACCGGTG AAGAGAA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC002778
<b>Insert Size:</b>	1052 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC002778.2</a> , <a href="#">AAH02778.2</a>
<b>RefSeq Size:</b>	1043 bp
<b>Locus ID:</b>	93408
<b>Cytogenetics:</b>	7q22.1
<b>Protein Pathways:</b>	Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction