

Product datasheet for **SC122909**

MYL7 (NM_021223) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYL7 (NM_021223) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYL7
Synonyms:	MYL2A; MYLC2A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_021223 edited CAGAGAGAATGGCCAGCAGGAAGGCGGGACCCGGGGCAAGGTGGCAGCCACCAAGCAGG CCCAACGTGGTTCTTCCAACGTCTTTCCATGTTTGAACAAGCCAGATACAGGAGTTCA AAGAAGCCTTCAGCTGTATCGACCAGAATCGTGATGGCATCATCTGCAAGGCAGACCTGA GGGAGACCTACTCCAGCTGGGGAAGGTGAGTGTCCAGAGGAGGAGCTGGACGCCATGC TGCAAGAGGGCAAGGGCCCATCAACTTCACCGTCTTCTCACGCTCTTTGGGGAGAAGC TCAATGGGACAGACCCCGAGGAAGCCATCCTGAGTGCCTTCCGCATGTTTGACCCAGCG GCAAAGGGGTGGTGAACAAGGATGAGTTCAAGCAGCTTCTCTGACCCAGGCAGACAAGT TCTCTCCAGCTGAGGTGGAGCAGATGTTTCGCCCTGACACCCATGGACCTGGCGGGGAACA TCGACTACAAGTCACTGTGCTACATCATCACCCATGGAGACGAGAAAGAGGAATGAGGGG CAGGGCCAGGCCACGGGGGGCACCTCAATAAACTCTGTTGCAAATTGAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021223 unedited TATGAGGGCGGACCGCGNAATTCCTGGGCTCAGAGAGAATGGCCAGCAGGAAGGCGGGGA CCCGGGGCAAGGTGGCAGCCACCAAGCAGGCCAACGTGGTTCTTCCAACGTCTTTTCCA TGTTTGAACAAGCCAGATACAGGAGTTCAAAGAAGCCTTCAGCTGTATCGACCAGAATC GTGATGGCATCATCTGCAAGGCAGACCTGAGGGAGACCTACTCCAGCTGGGGAAGGTGA GTGTCCCAGAGGAGGAGCTGGACGCCATGCTGCAAGAGGGCAAGGGCCCCATCAACTTCA CCGTCTTCTCACGCTCTTTGGGAGAAAGCTCAATGGGACAGACCCCGAGGAAGCCATCC TGAGTGCCTTCCGATGTTTGACCCAGCGGCAAGGGGTGGTGAACAAGGATGAGTTCA AGCAGTTCTCCTGACCCAGGCAGACAAGTTCTCTCCAGCTGAGGTGGAGCAGATGTTCCG CCCTGACACCCATGGACCTGGCGGGGAACATCGACTACAAGTCACTGTGTACATCATCA CCCATGGAGACGAGAAAGAGGAATGAGGGGCAGGGCCAGGCCACGGGGGGGCACCTCAA TAAACTCTGTTGCAAAATTGGAAAANAAAAANAAAAANNNAAAAANAAAAANAAAAAN AAAAANAAAAANAAAAAGGGCGGGCCGCGTCAAGCTGTGTTTCTGAACAGATCCCGG GTGGCATCCCTGTGACCCTCCCAAGTGCCTCTCTGGCCCTGGAAGTTGCCACTCCAGT GCCACCAGCCTGTCTATAAAATTAAGTTGCATCATTTGTCTGACTAGGTGCCTTC TATATATATGGGGTGAGGGGGTGNNGNTTGTG
Restriction Sites:	Please inquire
ACCN:	NM_021223
Insert Size:	600 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).
OTI Annotation:	no
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_021223.2</u> , <u>NP_067046.1</u>
RefSeq Size:	619 bp
RefSeq ORF:	528 bp
Locus ID:	58498
UniProt ID:	<u>Q01449</u>
Cytogenetics:	7p13
Protein Families:	Druggable Genome

Protein Pathways: Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction