

Product datasheet for **SC122791**

fast skeletal Myosin (MYLPF) (NM_013292) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	fast skeletal Myosin (MYLPF) (NM_013292) Human Untagged Clone
Tag:	Tag Free
Symbol:	fast skeletal Myosin
Synonyms:	HUMMLC2B; MLC2B; MRLC2; MYL11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_013292 edited GGGGACTCCTTGCTTCTTTCCAGCCGGAGCCGCTGCCTTGCCCCCGGAGACTGAAGACA TGGCACCCAAGAGGGCCAAGAGAAGGACAGTAGAGGGCGGAAGCTCCAGCGTCTTCTCCA TGTTTCGACCAGACTCAGATCCAGGAGTTCAAAGAGGCCTTCACTGTGATCGACCAGAACC GTGATGGTATTATAGACAAGGAGACCTTCGGGACACCTTCGCAGCCATGGGCCGCCTCA ATGTGAAGAATGAGGAGTTGGATGCCATGATGAAGGAAGCCAGCGGTCCCATCAACTTCA CCGTCTTCTGACCATGTTCCGGGAGAAGCTCAAGGGTGCCGACCCTGAGGATGTGATCA CCGGAGCCTTCAAGTCTTGACCCTGAGGGAAAGGGCACCATCAAGAAGAAGTTCCTGG AGGAGCTGCTGACCACGCAGTGTGACCGCTTCTCCAGGAGGAGATCAAGAACATGTGGG CGGCCTTCCCCCGACGTGGGCGGCAACGTCGACTACAAAAACATCTGCTACGTCATCA CGCACGGCGACGCAAGGACCAGGAGTAGGGGCACCCGCGGGCCTCCGCTGCCCGACGCT TCTGTTCCGGCCGACCTCCACCCCGCTCCAATAAAATTTAACTGATCTTTGTTTCTCA AAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_013292 unedited</p> <pre>GGAGTTCGGATTGTATACGACTTACTATAGGCGGCCGCGAATTCGGCCATTACGGCCGG GGACTCCTTGCTTCTTTCCAGCCGGAGCCGCTGCCTTGCCCCCGGAGACTGAAGACATG GCACCCAAGAGGGCCAAGAGAAGGACAGTAGAGGGCGGAAGCTCCAGCGTCTTCTCCATG TTCGACCAGACTCAGATCCAGGAGTTCAAAGAGGCCTTCACTGTGATCGACCAGAACCCT GATGGTATTATAGACAAGGAGGACCTTCGGGACACCTTCGCAGCCATGGGCCGCCTCAAT GTGAAGAATGAGGAGTTGGATGCCATGATGAAGGAAGCCAGCGGTCCCATCAACTTCACC GTCTTCTGACCATGTTTCGGGGAGAAGCTCAAGGGTGCCGACCCTGAGGATGTGATCACC GGAGCCTTCAAGGTCTTGACCCCTGAGGGAAAAGGGCACCATCAAGAAGAAGTTCCTGGAG GAGCTGCTGACCACGCAGTGTGACCGCTTCTCCAGGAGGAGATCAAGAACATGTGGGCG GCCTTCCCCCGACGTGGGCGGCAACGTCGACTACAAAAACATCTGCTACGTCATCACG CACGGGGACGCCAAGGACCAGGAGTAGGGGCACCCGTCGGGCCTCCGCTGCCCGACGCTT CTGGTCCGGCCGACCTTACCCCGGCTCCAATAAAAAATTAACGGATCCTTGGTTCTCAA GGAAAACCAACGGAACAAAAAATGGTTCGGCCGCCTCGCGCTGGATTTCAAATGGCGCC GCGGTATAGCGTTTCTGAAAAATCCCGGGGGGCATCCTGGGACCCCTGCCAGGGG CCCTCCCGGGCCCTGGAATTTGCCCTCCCGGGGCGACCCACCTTGGCCTAAAAAATAGT TGGCG</pre>
Restriction Sites:	Please inquire
ACCN:	NM_013292
Insert Size:	687 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:	NM_013292.2 , NP_037424.2
RefSeq Size:	687 bp
RefSeq ORF:	510 bp
Locus ID:	29895
UniProt ID:	Q96A32
Cytogenetics:	16p11.2
Protein Pathways:	Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction