

Product datasheet for **SC323868**

LYSMD1 (NM_212551) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYSMD1 (NM_212551) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYSMD1
Synonyms:	SB145
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_212551.2

GCTTAGGGGAGAATTAGGGAGGGACTGAATACTCAAGGGACAGATTGTGGATAAGTAGC
TTGGAGGGAGGAGAAACCGGGAGGGGGCAGATGGCGTAGTGCTGGGGAGGCGGGGACACA
GGGGAAGAGAGAGGGGGAAAGGAATCCCCGTAATATTCATTCGCCAGACTTCAGGCCTGTC
AGTCGCAGTCTCGGTCTACCTCCCCTAGTTGCAACCTTAGCTGTTGGCAGGGTGAAGAG
ATGGCTTCCCCGTCTAGACAGCCCCGCCAGGGGGGTGAGGACTGCTTCAAGGGAGCCGG
GCTCGTTCATATGGAAGCCTGGTGCAATCGGCCTGCTCCCCAGTGAGGGAAAGACGCCTG
GAGCATCAGTTGGAGCCCCGAGACACCCTGGCTGGACTAGCACTCAAAATATGGGGTGACG
ATGGAACAGATTAACGTGCAAACCGCCTTTATACTAATGACTCCATCTTCTGAAGAAA
ACCCCTCTACATCCCCATCCTTGACAGAGCCAGAGACCTGTTCAATGGTTTGGACTCTGAG
GAAGAGAAAGATGGAGAGGAAAAAGTACACCCAAGTAACAGTGAAGTTTGCCCACTCA
ACTGAGAGGAAGAAAACAAGAGACAGGAGCAGGACGTGCCAATGGTGAAGTCTCCCCACA
CCTGGCCAGGAAACCCCCACGCCATCCATGACCTCTCTGCCTCTGATTTCTTAAGAAG
CTTGATTACAGATCAGCCTGTCCAAGAAGGCTGCTGCTCAGAAGCTGAAAAAAGGGGAA
AATGGGGTACCTGGGGAGGATGCAGGTCTCCACCTGAGCTCCCCTTGATGCAGCAACGA
GCAGTCCTAGGTCTGTGCCGCTGACCCGTACCTCTCGGACCCGGACACTACGGGACCAG
GAGGATGAAATCTTCAAACCTCTGATGTCCCCAGAAGTACTGAGAGAAGCAAGATGTTGA
AAGAGAACTTCAGGGGGAGAGGAGCCTGAGGTGAGGCTCAAGAACATGGCTTATGAGCC
TGCTCCCTCCACTCCAGCCATCTCCCCAGCCTCCTTGCTGCCAAAAATTCCTTGGCC
TGGGGCAGTTTTATTGGCAAGATTAGGGAATGGGAAGTGGACCTTTCCAGTTCTTGGGC
TGAATCTAGAGTTGAGTCCTTTAGACTCAAAAGGCTCTTTTATATCCTTGTTGCCTTTC
TATCCTTTTTTACCTTTCCCTGGCCTTAGAACAGGGAAGCAGAGACTCCCCCTCAGCTTC
TTCTCATCTCCAACATGTGACATAATTTATTTGGTGCTAATATTGAAGTAAATATTAT
TTGCTATATTTATTTCTTCCACTCTTAGCTGAAAAATGGAATTTCTATAGCCCTGGGG
TGAGGAGAACCCGGGAACAGTGAGCCAGTGACTGCTGGTTCTCCACTTTCCCCACCTTGT
TAGCCAAACATGTTATTGAGGATGAGGCAATCGGTGATATAGCCACCACAGAGAATGGA
TGACTGTTGGCCTTTTCTCCAATCTCAAAGTGACAGATTTGGGCTGATTCTTTTTTTTTT
TTTTTTTTTTTTTTTTTGGTACCCATTCTGTGTAATGGGCTCAGTCTTGACAAACCAAT
TCCCTGTAACCTTTTTACAAATTCTTGACTCTGAGAAAAAGCAGCACTGTAGGGACCTGAA
CTCTCCATTCTACCAAGTTCACCCCTCTGACCTGTTCTGCTCAGCCTGTGGTGAGGGGAAC
AGATGGAAGAAGGCTTTCCCTTGGGGTTTGAAGAGGAAGCCAGTTGTGGGAGTCTCTTTGT
TACACCCCTCCCTCCAGACCCTCTCTCTATGCCTTCTCCTCACTGCATATTTATT
TGCGATTTGTAGCACTGATCTATGGTACAGTTGTTTTGTTTCTTAAACAGAAGTAGGTAA
GGGAACCTCAGTAATAATGAAATCTGCCTCAGTCTCCTGTTTGGAAATGATGAGAGGTG
AGATAAGTAATGTTTATATACCTCCTTTCTCTGTGATGATTATAAGGTATACGAAGCTG
GACAGATTAACACTTGAGCCCTGTGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGG
AAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGG

Restriction Sites: ECoRI-NOT

ACCN: NM 212551

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	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_212551.2, NP_997716.1</u>
RefSeq Size:	2623 bp
RefSeq ORF:	684 bp
Locus ID:	388695
UniProt ID:	<u>Q96S90</u>
Cytogenetics:	1q21.3