

Product datasheet for **SC307664**

LYSMD3 (NM_198273) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYSMD3 (NM_198273) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYSMD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307664 representing NM_198273. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGGCAGGGAGGCATCAGAATCGTAGTTTTCTCTCCAGGAGTTCAGTCAAGTGGTCAAGTACATGCA
TTTGAAATTGTTGACAGTGTATTTTGGAGGAGGTGCTGAAGTGTATGAACCTCGATCCAGAGGA
AAAGAGAAAGTCCGAAGAAGTACATCAAGAGATAGACTTGACGACATTATAGTATTAACAAAAGATATA
CAAGAAGGAGATACATTAATGCAATAGCCCTTCAGTACTGTTGTACGGTAGCAGATATCAAGAGAGTT
AACAATCTCATCAGTGATCAAGACTTTTTGCCCTTAGGTCTATCAAAATTCAGTAAAAAGTTTCAGT
TCCTTGACCGAAACACTTTGTCTCCAAAGGAAGACAGACTTCACGTCATTCATCTGTTCAATACTCT
TCCGAACAACAGGAAATTTGCCAGCTAATGATTCTCTTGCTTACAGTGACTCAGCTGGTAGCTTTTTA
AAAGAAGTAGACCGAGACATAGAACAATAGTAAAGTGTACAGACAATAAGAGAGAGAACCTCAATGAG
GTAGTATCGGCCCTTAACAGCACAAACATGCGTTTTGAACCTGATAACAAAAACACTCAACGTAAAGAC
CCCTATTATGGAGCAGACTGGGAATAGGGTGGTGGACAGCTGTAGTGATAATGTTGATAGTAGGTATA
ATAACACCAAGTGTATTTGTTGTATTATGAAATTTAGCTAAGGTGGATGTTAGTCATCATTCAACA
GTGGACTCTTCACATTTACATTCAAAAATCACACCCCATCACAGCAGAGAGAAATGGAAATGGAATT
GTGCCAACTAAAGGAATACATTTAGCCAACAAGATGATCATAAACTGTATAGTCAAGATTCTCAGTCA
CCTGCTGCTCAACAGGAAACA**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_198273
Insert Size:	921 bp



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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:	NM_198273.2
RefSeq Size:	4262 bp
RefSeq ORF:	921 bp
Locus ID:	116068
UniProt ID:	Q7Z3D4
Cytogenetics:	5q14.3
Protein Families:	Transmembrane
MW:	34.5 kDa
Gene Summary:	Essential for Golgi structural integrity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).