

Product datasheet for **SC319623**

LMF2 (NM_033200) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMF2 (NM_033200) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMF2
Synonyms:	TMEM112B; TMEM153
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_033200.1

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GTAGCGGACATGGCGGGCTCCCGGCTCCCGCGGCAGCTCTTCTCCAGGGCGTGGCGGCC
GTCTTCATGTTTGCTTTTCGCTTCCCTCTACACGCAAAATCCAGGCTGGGGGATCTGCAGG
CCCTGACTCAGAGGTAGTCTAGTCTGCAAGGGCTGTCCAGGGCCTGGCCATGACATGCC
TCCCACAGGCCTGTATGGCCCCGAGGGCATCTACCTGCAAGGAGGACGCTGCGGCCTCA
GGGCAAGGGGCGCTGGCAGCAGTGTGGAGACCCGACGCTGCTGTGGGAAGCGCCGAG
ACTGGGGCTGGACACGGCCAGGGCCTGGAGCTGCTGAGCCTGCTGGGTGCACTAGTGGC
CCTGGGAGCCCTGCTGCTGAGCCCACTGCGCCACCCTGTCTACTTGTCTTTGGGC
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CAAGGAGGCCCCCAGGGCAGGCAGGCAGGGGCCCTGCCACGAAGACCTCCCTTCTG
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CCGCTGCCCTGCGTGGTGGGGCTCACTGCCCTCACCTACCACTACGAGACCCAGTGCCT
GCCACGCGCCGCGCCTGGTTCGCACACCCTGCCGGTCTGGTGCACAAGCTCAGCGT
GGTGGCCACCTTCTAATTGAGATCGCTGTGCCGCCCTGTTCTTCGCCCCATTGACG
CCTGCGCTTGGCTGCTTTCTACTCGCAGGTGCTGCTGCAGGTCTGATTATCATACCCG
CAACTACAACCTTTCAACCTGATGACGCTGGTGTACCACTGCGCTGTTGGACGACCA
GCACCTGGCTGCTGAGCCTGGCCATGGCAGCCGCAAGAAGACGGCCACCTCCTGGCCAA
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TGGGGAGCAGGGCCAGTGGTGGCGGCCAGTGGGTGGAGGAGTCTTCCCATCCGTGTC
CCTGGGGGACCCACGCTGGAGACGCTGCTCAGGCAGTTTGGACTACAGGAGAAAAGCCC
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GCTGTCTCCCCTGGAGGCCCCCGCCTGCTCTGGGGGCTCCTCATGGCCGTGGGGCTGT
CAGATTTGTGAGGCCCTGTAGCACCTGTTCTCTCCGGTCTCCCGCTGGCACCAGT
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CACCAGCCCCCAACCCTGCTCCAGTAGTTCGAGGACCACCCGGCGAAAGAAGTAGCT
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ACCCTAGCCCCGTGCCAGAGGGGAAGAGGCTGACTCCAGGGGAAGAGGGGAAGCACTG
TCATCTTCCACGTCATCTTACACCAGCCATCTGCCCTTTAGATCTGGGCACCAATAA
AGGCGTCTTTTGCTTGAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: Please inquire

ACCN: NM_033200

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_033200.1, NP_149977.1</u>
RefSeq Size:	2680 bp
RefSeq ORF:	2049 bp
Locus ID:	91289
UniProt ID:	<u>Q9BU23</u>
Cytogenetics:	22q13.33
Protein Families:	Transmembrane
Gene Summary:	Involved in the maturation of specific proteins in the endoplasmic reticulum. May be required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway (By similarity).[UniProtKB/Swiss-Prot Function]