

Product datasheet for MC203851

Lmf1 (NM_029624) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmf1 (NM_029624) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lmf1
Synonyms:	2400010G15Rik; AW822050; cld; Tmem112
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC020104
 CGGACGCGTGGGCGACGCGTGGGCGCCAGACAGCCTAGTAATGGCTGCGCCGAGGGGTCGCTGAGAAA
 ACGGAAGGTCGGGGGTGCGGAGCACAGTCCAGCGTCGCAACCTTCTCGCTAGAGATCCCAGCAGATTCT
 CCAGCTCGGCTGCACACGGGCACCTTCTGGCTGACTAGAATCGTGCTCCTGCGGGCCCTCGCTTTCAATTT
 ACTTTGTGGCCTTTTTGGTGGCATTCAATCAGAACAAGGCCCTCATCGGTGACCGGGGCCTGCTGCCCTG
 CAAACTGTACCTGAAGAATGTCCAGGAGTACTTCCAGGGCAGCACTGGCTGGGCTGCCTGGACCTATGCA
 CCAACCATTATGTGGTTGTTGGACTGGTCAGACATGAACCTCAACCTGGACCTCATTGCTCTTTGGGC
 TGGGCATCTCGTCTTTGCTGGTGACCGGCTGTGCCAATGATACTCATGACTGCCCTCTGGGCCCT
 CTACATGTCCTGGTCAACGTAGGGCAGATCTGGTATTCTTTGGATGGGAGTCACAGCTGCTGAAACA
 GGATTCTGGGGATCTTTCTGAGCCCTCTGAGCACTGTCCGCTGCCAAGAACACCCACATCCC
 AGATTGCTCTGTGGGCTCCGCTGGCTGATCTTCAGAATCATGCTTGGAGCGGGCCTCATCAAGGTCCG
 CGGGGACAAGTGCTGGCTGGATCTGACCTGCATGGACTTCCACTATGAGACTCAGCCCGTCCCAACCCG
 ATAGCCTACTACCTGCACAGGTCACCATGGTGGTTCCACCGCTTTGAGACCCTCAGCAACCACTTCTGTGG
 AGCTTCTGTGCCTTTCTTCTGTTCTTGGACGGCGGATGCGCATTCTTCATGGAGTGCTGCAGATCCT
 TTTCCAGGTGATCCTCATCATCAGTGGGAACCTGAGCTTCTGAACTGGCTCACCATCGTGCCAGCCTT
 GCCTGCTTCGACGATGCAGCTCTGGGATTCCTGTTTCCCTCAGGACCTCAAGGCCAAAGAAGCAAGTCC
 TGGAGATTCAGAGGGAAGATACACAAAGGGTCCAGCCCAAGCAAGAGACAGAGGCTGCTTGGTGGCGCA
 AGTGGTCAACATCTCCCTGGGCATCCTGGTGGCTGGCTCAGCGTACCCGTGGTTATCAATCTGCTAAGC
 TCCAGGCAGATCATGAACACCTCTTCAACCCGCTCAGGATCGTCAACACCTATGGGGCCTTTGGAAGTG
 TCACCAAAGAGCGGACTGAGGTGATCCTGCAGGGCACAGTGAGCCCAACGCCAGCGCACCTGATGCAGT
 GTGGGAAGACTATGAGTTCAAGTGCAAACCGGGGACCCCTGGAGGCAGCCATGCCTCATCTCGCCATAC
 CACTACCGCTGGACTGGCTGATGTGGTTCGACGCTTTCCAGACCTATGAGCAGAACGAGTGGATCCTTC
 ATCTGGCGGGTAAGCTCCTAGCTGGTACTCTGAAGCCCTGGCCCTACTTGCTGTTAACCCTTTGAGGG
 CAGGACTCCCCCAGGTGGATCCGAGGAGAACAACCTACCGGTACAAGTTCAGCCTCCCCGGGGGCCAGCAC
 GCCACCCAGGGCAAGTGGTGGATCCGCAAGCGAATTGGTCTTACTTCCCCCACTCCGCCAGGAGGATC
 TGAAGGAATACTTTAAGACTCGGGAGTGGCCACTACCAGAACCCCATCTAGACACACACGCTGAAATAA
 AGACCAGAGACCAACAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_029624
Insert Size:	1704 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:	<u>BC020104</u> , <u>AAH20104</u>
RefSeq Size:	1780 bp
RefSeq ORF:	1704 bp
Locus ID:	76483
UniProt ID:	<u>Q3U3R4</u>
Cytogenetics:	17 12.7 cM
Gene Summary:	<p>Involved in the maturation of specific proteins in the endoplasmic reticulum. Required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway. Each LMF1 molecule chaperones 50 or more molecules of LPL.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and is protein coding.</p>