

Product datasheet for **MR217259**

Lipm (NM_023903) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipm (NM_023903) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lipm
Synonyms:	4632427C23Rik; AW227514; LipI3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR217259 representing NM_023903
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGAAATCTTGCAAGAGTGTGGACTGTTTTCGCACAGAGTGGAGATATGGCTTCTGATTCTGGTAG
 CGTATTTACTCCAAGAAATGTGAACCTCGGACATTTGCCACGAAAGCTGCGGATCCAGAAGCATTTCAT
 GAATGTTAGCGAAATCATCAAACACAAGGGTTATCCCAGTGAGGAGTATGAAGTTGCAACGGAAGATGGG
 TACATCCTTTCTGTGAACAGAATCCCTCGGGGACAGACACGGTTAAAGAAGGAAGGATCCAGGCCAGTGG
 TGTTACTGCAACATGGTCTTCTGGGGATGCTAGCAACTGGATTTCCAACCTGCCAACACAGCCTGGG
 TTTTATTCTGGCAGATGCAGTTTTGATGTGTGGATGGGAAACAGCAGAGGAAACACCTGGTCTCGGAAG
 CACAAGACCCTCCATAGATCAAGATGAGTTCTGGCTTTCAGTTATGATGAAATGGCTAGGTTTGACC
 TTCCAGCTGTGATAAACTTTATCTTACAGAAAACGGGCCAGAAAAGGTCTATTATGTCGGCTACTCACA
 GGGCACCACCATGGGCTTTATTGCAATTTCCACAATGCCAGAGCTAGCTCATAAAATCAAATGTATTTT
 GCCTTAGCTCCTATAGCCACTGTTAAATATGCAAGAACTCCTGGTACCAATTTCTGCTGCTGCCAGATA
 TGATGATCAAGGTATTATTTGGCAGACAAGAGTTTTTATACCAGACTAGATTTTTTTCAGACAGCTTTTTAT
 TTACCTTTGTGGCCAGATGATTCTTGACCAATCTGCAGCAACATCATCTTACTCCTGGGAGGTTTTAAC
 ACAAAACAATGAAATGAGCAGAGCAAATGTGTATGTCGCCATACACCTGCTGGAACGCTGTGCAGA
 ACATTCTCCACTGGAGCCAGGCCGTGAATTCGGGAACTTCGTGCCTTTGACTGGGGAAGTGAGACCAA
 AAATCAGGAGAAATGTAATCAGCCAACCTCTATAAGGTACAAAGTTCGAGATATGATGGTCCCAACGCA
 ATGTGGACTGGAGTCAAGACTGGCTTTCAAATCCAGATGATGTGAAAACATTACTTTCTGAAGTAACCA
 ACCTCATCTACCACAAGAACATTCCTGAGTGGGCTCATGTGGATTCATCTGGGGCTGGATGCCCTCA
 CGGTGTTTACAATGAAATTATACATCTGATGAAGCAGGAGCCCAACCTTCCCAGGGAACCTGCAGGGTC
 AAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217259 representing NM_023903
 Red=Cloning site Green=Tags(s)

MSEILSRVWTVSHRVEIWLLILVAYLLQRNVNSGHLPTKAADPEAFMNVSEIHKHKGYPSSEYEVEDG
 YILSVNRIPRQTRLKKEGSRPVLLQHGLLDASNWISLNNLSLGFILADAGFDVWMGNSRGNTWSRK
 HKTLSIDQDEFWAFSYDEMARFDLPAVINFILQKTKQKVVVVYVYSQGTMGFIAFSTMPPELAHKIKMYF
 ALAPIATVKYARSPGTFLLLPDMMIKVLFGRQEFLYQTRFFRQLFIYLCGMILDQICSNIILLGGFN
 TNNMNSRANVYVAHTPAGTSVQNILHWSQAVNSGELRAFDWSETKNQEKCNQPTPIRYKVRDMMVPTA
 MWTGGQDWL SNPDDVKTLTLLSEVTNLIYHKNIPEWAHVDFIWGLDAPQRYNEIHLMKQEPNLPQGTQCRV
 KL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9062_c10.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_023903

ORF Size: 1266 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_023903.1](#), [NP_076392.1](#)

RefSeq Size: 2701 bp

RefSeq ORF: 1269 bp

Locus ID: 78753

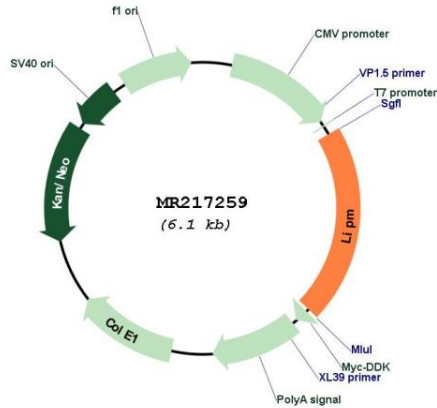
UniProt ID: [Q8K2A6](#)

Cytogenetics: 19 C1

MW: 48.3 kDa

Gene Summary: Plays a highly specific role in the last step of keratinocyte differentiation. May have an essential function in lipid metabolism of the most differentiated epidermal layers (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217259