

# **Product datasheet for RR209086**

## Lsm4 (NM\_001106073) Rat Tagged ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Lsm4 (NM\_001106073) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Lsm4

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >RR209086 representing NM\_001106073
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCTTCCCTTGTCGCTGAAGACAGCCCAGAATCACCCCATGCTGGTGGAGCTGAAGAATGGGGAGA CCTACAACGGGCACCTGGTGAGCTGCGACAACTGGATGAACATCAACCTTCGAGAAGTGATCTGCACATC GAGGGACGGTGACAAGTTCTGGAGGATGCCCGAGTGCTACATCCGAGGCAGCACCATCAAGTACCTGCGT ATCCCGGATGAGATCATTGACATGGTGAGGGAAGAGGCCGCCAAGGGCCGAGGGCGAGGACCGCAGC AGCAGAAGCAGCAGAAAGGCCGAGGCATGGGTGGCGCTGGCAGAGGTGTGTTTGGTGGCCGGGGCCGGGG TGGCATCCCTGGTGCAGGCCGAGGCCAGCCGGAGAAGAAGCCAGGCCAGGCAGGCAAGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209086 representing NM\_001106073

Red=Cloning site Green=Tags(s)

MLPLSLLKTAQNHPMLVELKNGETYNGHLVSCDNWMNINLREVICTSRDGDKFWRMPECYIRGSTIKYLR IPDEIIDMVREEAAKGRGRGGPQQOKQOKGRGMGGAGRGVFGGRGGIPGAGRGQPEKKPGRQAGKQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

**Restriction Sites:** Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

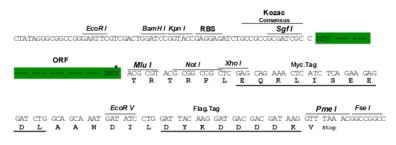
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



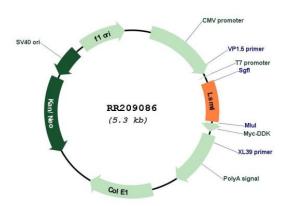
#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

### Plasmid Map:



**ACCN:** NM\_001106073

ORF Size: 414 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

ORÏGENE

**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 001106073.1, NP 001099543.1

 RefSeq Size:
 911 bp

 RefSeq ORF:
 417 bp

 Locus ID:
 290647

 Cytogenetics:
 16p14

 MW:
 15.2 kDa