

Product datasheet for MR200964

Lmo3 (NM_207222) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lmo3 (NM_207222) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lmo3
Synonyms: AI854781; BB106490; Lmo-3; Rbtn-3; Rbtn3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200964 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCTCAGTTCAGCCAGACACCAAGCCAAAAGGTTGTGCTGGCTGCAACCGAAAAATCAAGGACCGGT
 ATCTCCTAAAGGCACTGGACAAATACTGGCATGAGGACTGCCTGAAGTGTGCCTGCTGCGACTGCCGTTT
 GGGAGAGGTGGGCTCCACCTTGACACGAAGGCTAACCTATCCTTTGTCGCAGAGACTATCTGAGGCTG
 TTTGGTGAACGGGAACTGCGCTGCCTGTAGCAAGCTCATCCCTGCCTTTGAGATGGTGTATGCGTGCCA
 AGGATAATGTGTACCACCTGGACTGCTTTGCCTGTCAGCTTTGCAATCAGAGATTTTGTGTCGGAGACAA
 ATTTTTCTAAAGAACAATATGATTCTTTGCCAGACAGACTACGAGGAAGGCCTCATGAAAGAAGGCTAT
 GCACCCAGGTCCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200964 protein sequence
 Red=Cloning site Green=Tags(s)
 MLSVQPDTPKPGCAGCNRIKDRYLLKALDKYWHEDCLKACCDCLGCVGSLYTKANLILCRRDYLRLL
 FGVGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCNQRFVGDKFFLKNMILCQTDYEEGLMKEGY
 APQVR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_207222

ORF Size: 438 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_207222.3](#)

RefSeq Size: 2101 bp

RefSeq ORF: 438 bp

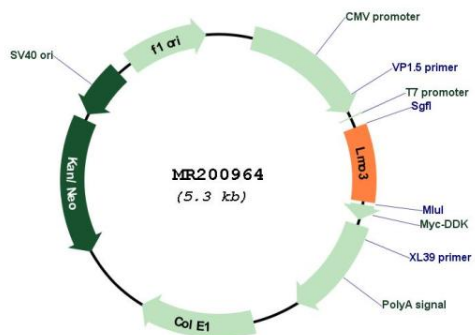
Locus ID: 109593

UniProt ID: [Q8BZL8](#)

Cytogenetics: 6 69.02 cM

MW: 16.6 kDa

Product images:



Circular map for MR200964