

Product datasheet for **MC217491**

Lao1 (NM_133892) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lao1 (NM_133892) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lao1
Synonyms:	AW990848
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217491 representing NM_133892
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTTTCAGGACCATGGCCAAGAAGAGTGAATCCTTGTGGGGATCCTGCTCTCGTCTCCAGT
GTCTTGCCCTCTATGAGAACCTTGTCAAGTGTCCAGGATCCCGATTATGAGGCCCTCCTTCTCATAGC
CCAGAATGGGCTCCATACCTCCCACTGTCTAAGCGTGTGGTGGTGTAGTGGGAGCTGGCATGGCAGGCCTA
GTGGCAGCTAAGACCCTACAGGATGCTGGTCACGAGGTAACCATCTGGAGGCCAGCAACCACATCGGAG
GTAGGGTGGTCACACTCAGAAACAAGGAAGAAGGCTGGTACTTAGAACTGGACCAATGCGAATCCAGA
AAGCCACAAGCTAATCCACACCTATGTCCAGAAGCTTGGCCTGAACTGAATAAGTTCACCAGTATGAT
AGCAACACCTGGTACCTACTCAATGGACAACGCTATCGTGCCTCAGAAGTCATGGCTAACCCAGGAATCT
TGGGCTACCCCTGAGGCCCTCAGAGAAGAACAAAAGTGTACAGACCTGTTCTACCAAGCCATCACTAA
GATCAAACCACATAGGAAGACATCCAATGCAGCCAGCTGCTCTCCCTTATGACTCTTACTCCACCAAG
GCTTACCTGATGAAGGAAGGAACGCTGAGCAAAGGGCCATCGAGATGATCGGGGATATAATGAATGAGA
ATGCTGGATACTATAAGTCCCTCCTGGAGTCTCTGAGGATTGCAAGCATCTTCTCCAAAAGTGACCAATT
TTCAGAGATCACCGGTGGCTTTGACCAACTCCCAATGGCCTCAGTGCTAGCCTGAAGCCTGGCACCATC
CGTCTGGGGTCCAAAGTAGAAAGAGTGGTGTAGAGACGGGCCAAAGGTTAAGGTTATGTACCCACAGATG
GGCCACCTCTGCACTGCACAACTCACTGCGGATTACGCCATCATCACTGCCTCAGCCAAGGCCACTCG
CCTCATCACCTTCCAGCCACCTCTGTCCGAGAGAAAACATGCCCTGCGCTCCGTTTATTACACCAGT
GCCACCAAGGTGGTTTTAGTGTGCAACGAACGCTTCTGGGAACAAGATGGCATCCGGGGCGGCTACTCCA
TCACTGACCGACCCTCCCGCTTCACTTACTATCCAGCCACAGCCTGCCAGGCCGCAAGGGAGCTCTGCT
GGCCTCTTCACTGTGGGTGATGATTCTCTCTTCTTGGCTGCCCTGAAGCCCAACCAGGTGGTTCGATGTT
GTGCTGGATGACCTTGGCGCAGTGCACCCGATACCCAAGGAGGAGCTAAAGCGCATGTGCCCAAAGTCAG
CGATCAAGCACTGGTCTCTAGACCCCTCACCATTGGCGCTTTACAGAGTTCACACCCTACCAATTTGT
AGACTATTGCAAGCAGCTCTCCAGCCAGAGGGCCGCTACTTTGCTGGGGAGCATACCTGCCTGCCG
CACAGCTGGATAGACACCCGATCAAGTCGGGCATCCGGGCTCTGCAACATTCAGGCTGCAGTGGACA
AGGAGGCCACTCGAGGACATACGGCTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133892

Insert Size: 1572 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:

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_133892.4](#), [NP_598653.3](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1572 bp

Locus ID: 100470

Cytogenetics: 4 D2.1