

# Mouse ICAM1 cDNA Clone



**Sino Biological Inc.**  
Biological Solution Specialist

Catalog Number: MG50440-M

## General Information

Gene Bank Ref. ID : NM\_010493.2

cDNA Size: 1614

Gene Name Synonym :

CD54; Ly-47; Icam-1; MALA-2; MGC6195; Icam1

Source: Mouse

## Description

cDNA Description :

ORF Clone of Mus musculus intercellular adhesion molecule 1 DNA.

Vector :

Commercial pMD vector.(Produced by TAKARA. More information:

<http://www.takara.com.cn/explain/L/pMD18-T Simple.pdf>)

Sequence Description :

Identical with the Gene Bank Ref.ID sequence.

## Shipping

1. 5 - 10µg Plasmid DNA is shipped on Whatman FTA elute card ( Catalog Number: WB120410 ) at room temperature.
2. It would take 3 - 5 days for delivery typically. For bulk orders, additional 1 - 2 weeks would be needed.

## Usage Protocol

1. Remove the marked edge in the center of the spot.
2. Transfer the filter paper to a 1.5ml microfuge tube containing 50-100 µl of sterile H<sub>2</sub>O. Ensure the filter is completely immersed in the H<sub>2</sub>O by briefly centrifuging the tube for 10 seconds.
3. Transfer the tube to a heating block at 95°C for 15 - 30 min.
4. At the end of the incubation period remove the sample from the block and pulse vortex, or gently tap, the sample approximately 60 times.
5. Briefly centrifuge for 30 seconds, to separate the matrix from the elute. The elute now contains the purified DNA.

## cDNA Sequence and Quality Control

Sequence :

```
ATGGCTTCAACCCGTGCCAAGCCCACGCTACCTCTGCTCCTGGCCCTGGTCAAC
CGTTGTGATCCCTGGGCCTGGTGTGCTCAGGTATCCATCCATCCCAGAGAAG
CCTTCTGCCCCAGGGTGGGTCCGTGCAGGTGAAGTGTCTTCTCATGCAAG
GAGGACCTCAGCCTGGGCTTGGAGACTCAGTGGCTGAAAGATGAGCTCGAGAG
TGGACCCAACCTGGAAGCTGTTTGGAGCTGAGCGAGATCGGGGAGGACAGCAGTC
CGCTGTGCTTTGAGAACTGTGGCACCCTGCAGTCGTCGCCCTCCGCTACCATCA
CCGTGTATTGTTTTCCGGAGAGTGTGGAGCTGAGACCTCTGCCAGCCTGGCAG
CAAGTAGGCAAGGACCTCACCTCGCCTGCCACGTGGATGGTGGAGCACCCGC
GGACCCAGCTCTCAGCAGTGTCTCCGTGGGGAGGAGATACTGAGCCGCCA
GCCAGTGGGTGGGCACCCCAAGGACCCCAAGGAGATCACATTCACGGTGTGTG
GCTAGCAGAGGGGACCACGGAGCCAATTTCTCATGCCGCACAGAAGTGGATCT
CAGGCCGCAAGGGCTGGCATTGTTCTAATGTCTCCGAGGCCAGGAGCCTCC
GGACTTTCGATCTTCCAGCTACCATCCAAAGCTCGACACCCTGACCTCCTGG
AGGTGGGCACCCAGCAGAAGTGTGTTTGTCTCCCTGGAAGGGCTGTTTCTGCT
TCTGAAGCTCGGATATACCTGGAGCTGGGAGGCCAGATGCCGACCCAGGAGA
GCACAAACAGCAGTGACTCTGTGTCAGCCACTGCCTTGGTAGAGGTGACTGAG
GAGTTCGACAGAACCCTGCCGCTGCGCTGCGTTTTGGAGCTAGCGGACCAGAT
CCTGGAGACGCAGAGGACCTAACAGTCTACAATTTTTCAGCTCCGGTCTCTGAC
CCTGAGCCAGCTGGAGGTCTCGGAAGGGAGCCAAGTAACTGTGAAGTGTGAAG
CCCACAGTGGGTGCAAGGTGTTTCTTCTGAGCGCGCTCGAGCCTAGGCCACCC
ACCCCGCAGGTCCAATTCACACTGAATGCCAGCTCGGAGGATCACAAACGAAG
CTTCTTTTGTCTGCTGCTGGAGGTGGCGGGAAAGTTCTGTGTTAAAAACCA
GACCCTGGAAGTGCACGTGCTGTATGGTCTCGGCTGGACGAGACGGACTGCT
TGGGGAAGTGGACTGGCAGAGGGGTCTCAGCAGACTCTGAAATGCCAGGC
CTGGGGAAACCCATCTCCTAAGATGACTGCAGACGGAAGGCAGATGGTGCCT
TGCTGCCCATCGGGGTGGTGAAGTCTGTCAAACAGGAGATGAATGGTACATAC
GTGTGCCATGCCTTTAGCTCCCATGGGAATGTCACCAAGGAATGTGTACCTGACA
GTACTGTACCACTCTCAAATAACTGGACTATAATCATTCTGGTGCCAGTACTGC
TGGTATTGTGGGCCTCGTGATGGCAGCCTCTTATGTTTAAACCCGACAGAGAA
AGATCAGGATATACAAGTTACAGAAGGCTCAGGAGGAGGCCATAAACTCAAGG
GACAAGCCCCACCTCCCTGA
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Quality Control:

The sequencing result is available upon request.

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