

# Mouse ACE-2 cDNA Clone

Catalog Number: MG50249-M



**Sino Biological Inc.**  
Biological Solution Specialist

## General Information

Gene Bank Ref. ID : NM\_027286.4

cDNA Size: 2418

Gene Name Synonym :

2010305L05Rik; Ace2

Source: Mouse

## Description

### cDNA Description :

ORF Clone of Mus musculus angiotensin I converting enzyme (peptidyl-dipeptidase A) 2 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 :

```
ATGTCCAGCTCCTCCTGGCTCCTTCTCAGCCTTGTTGCTGTTACTACTGCTCAGT
CCCTCACCGAGGAAAAATGCCAAGACATTTTAAACAACCTTTAATCAGGAAGCTGA
AGACCTGTCTTATCAAAGTTCACCTTGCTTCTTGAATTATAATACTAACATTACTG
AAGAAAATGCCAAAAGATGAGTGAGGCTGCAGCCAAATGGTCTGCCTTTTATG
AAGAACAGTCTAAGACTGCCCAAAGTTTCTCACTACAAGAAATCCAGACTCCGAT
CATCAAGCGTCAACTACAGGCCCTTCAGCAAAGTGGGTCTTCAGCACTCTCAGC
AGACAAGAACAAACAGTTGAACACAATTCTGAACACCATGAGCACCATTACAGT
ACTGAAAAAGTTTGAACCCAAAGAACCCACAAGAATGCTTATTACTTGAGCCA
GGATTGGATGAAATAATGGCGACAAGCACAGACTACAACCTAGGCTCTGGGCA
TGGGAGGGCTGGAGGGCTGAGGTTGGCAAGCAGCTGAGGCCGTTGTATGAAG
AGTATGTGGTCTGAAAAACGAGATGGCAAGAGCAAACAATTATAACGACTATG
GGGATTATTGGAGAGGGGACTATGAAGCAGAGGGAGCAGATGGCTACAACAT
AACCCTAACCAAGTTGATTGAAGATGTAGAAGCTACCTTCGCAGAGATCAAGCCA
TTGTATGAGCATCTTCATGCCTATGTGAGGAGGAAGTTGATGGATACCTACCTC
TCCTACATCAGCCCACTGGATGCCTCCCTGCCATTTGCTTGGTGATATGTGG
GGTAGATTTTGGACAAATCTGTACCCTTTGACTGTTCCCTTTGCACAGAAACCAA
ACATAGATGTTACTGATGAATGATGAATCAGGGCTGGGATGCAGAAAGGATAT
TTCAAGAGGCAGAGAAATCTTTGTTTCTGTTGGCCTTCCTCATATGACTCAAGG
ATTCTGGGCAAACTCTATGCTGACTGAGCCAGCAGATGGCCGGAAAGTTGTCTG
CCACCCACAGCTTGGGATCTGGGACACGGAGACTTCAGAATCAAGATGTGTA
CAAAGGTCACAATGGACAACCTTCTTGACAGCCCATCAGAGATGGGACACATCC
AATATGACATGGCATATGCCAGGCAACCTTCTCTGCTAAGAAACGGAGCCAAATG
AAGGGTTCCATGAAGCTGTTGGAGAAATCATGTCACTTTCTGCAGCTACCCCA
AGCATCTGAAATCCATTGGTCTTCTGCCATCCGATTTTCAAGAAGATAGCGAAAC
AGAGATAAACTTCTACTGAAACAGGCATTGACAATTGTTGGAACACTACCGTTT
ACTTACATGTTAGAGAAGTGGAGGTGGATGGTCTTTCGGGGTGAATTTCCAAA
GAGCAGTGGATGAAAAAGTGGTGGGAGATGAAGCGGGAGATCGTTGGTGTGG
TGGAGCCTCTGCCTCATGATGAACATACTGTGACCCTGCATCTCTGTTCCATG
TTTCTAATGATTACTCATTTCATTCGATATTACACAAGGACCATTTACCAATTCAG
TTTCAAGAAGCTCTTTGTCAAGCAGCTAAGTATAATGGTTCTCTGCACAAATGTG
ACATCTCAAATTCACCTGAAGCTGGGCAGAAAGTTGCTCAAGATGCTGAGTCTTG
GAAATTGAGAGCCCTGGACCAAGCCTTGGAAATGTGGTAGGAGCAAGGAAT
ATGGATGTAACCACCTGCTCAATTACTTCCAACCGTTGTTGACTGGCTGAAAG
AGCAGAACAGAAATCTTTTGTGGGTGGAACACTGAATGGAGCCCATATGCCG
ACCAAGCATTAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGCTAATGCATA
TGAATGGACCAACAACGAAATGTTCTGTTCCGATCATCTGTTGCATATGCCATG
AGAAAGTATTTTCAATAATCAAAACAGACAGTTCCTTTTCTAGAGGAAGATGT
ACGAGTGAGTGATTTGAAACCAAGAGTCTCCTTCTACTTCTTTGTCACTCACCC
CAAAATGTGCTGATGTCATTCTAGAAAGTGAAGTTGAAGATGCCATCAGGATG
TCTCGGGGCCGATCAATGATGTCTTGGCCTGAATGATAACAGCCTGGAGTTT
CTGGGGATTACCCCAACACTTGAGCCACCTTACCAGCCTCCTGTACCATATGG
CTGATTATTTTGGTGTGTGATGGCACTGGTAGTGTTGGCATCATCATCTGTA
TTGTCACTGGGATCAAAGGTGAAAGAGAAAAATGAAACAAAAAGAGAAGAGA
ACCCTTATGACTCGATGGACATTGGAAAGGAGAAAGCAATGCAGGATTCCAAA
ACAGTGATGATGCTCAGACTTCCTTTAG
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### Quality Control:

The sequencing result is available upon request.