

# Mouse ENTPD1 cDNA Clone



**Sino Biological Inc.**  
Biological Solution Specialist

Catalog Number: MG50398-M

## General Information

Gene Bank Ref. ID : NM\_009848.3

cDNA Size: 1533

Gene Name Synonym :

Cd39; AA408691; NTPDase-1; 2610206B08Rik; Entpd1

Source: Mouse

## Description

cDNA Description :

ORF Clone of Mus musculus ectonucleoside triphosphate diphosphohydrolase 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 except for the point mutation 423 C/T not causing the amino acid variation.

## 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 :

```
ATGGAAGATATAAAGGATTCTAAGGTGAAGAGATTTTGCTCCAAAAATATTCTGA
TCATCCTTGGTTTTACCTCTATCTTGGCTGTGATAGCTTTGATTGCTGTGGGACT
GACCCAGAACAACCTTTGCCAGAAAATGTTAAGTATGGGATTGTGTTGGATGC
GGGGTCATCTCACACCAACCTGTACATCTACAAGTGGCCGGCCGAGAAGGAGA
ATGACACAGGGGTGGTGCAGCAGTTAGAGGAATGCCAAGTGAAAGTCTTGGA
ATCTCAAAATATGCTCAGAAAACAGATGAAATCGGTGCGTACCTGGCCGAATGC
ATGGAAGTGTCCACCGAACTGATACCAACATCCAAGCATCACCAGACTCCTGTC
TACCTGGGAGCCACAGCAGGCATGCGCTTGCTTAGAATGGAAGTGAACAATC
GGCAGACGAGGTCTGGCTGCAGTGTCAACAAGCCTTAAGAGCTACCCCTTTG
ACTTCCAGGGTGCCAAGATCATCACTGGACAAGAGGAAGTGCCTATGGGTGG
ATTACTATTAATCTATCTGCTGGGCAGATTCAGTCAAGAACAGAGTTGGTAAGC
CTCATCTCAGACAGTCAGAAAACAGGAAACCTTTGGCGCTTTGGATCTCGGCCGA
GCCTCCACACAGATCACCTTCGTGCCCAAAAACAGCACTATAGAGTCCCAGAA
AACTCTCTGCAATTCCTCTCTATGGCGAGGACTATACTGTGTACACACACAGCT
TCCTGTGCTATGGGAAGGATCAGGCTCTCTGGCAGAACTGGCCAAGGACATT
CAGGTTTCAAGTGGTGGCGTCTTAAGGACCCATGCTTTAACCCAGGATACGAG
AAGGTTGTGAATGTAAGTGAGCTCTATGGCACTCCCTGCACCAAAAAGATTCGAA
AAGAAGCTACCATTGATCAGTTTGAATCCAGGGCACTGGAGACTACGAACAG
TGCCACCAGAGCATCCTTGAGCTCTTCAACAACAGCACTGCCCTTACTCCAG
TGTGCCTTCAATGGCGTCTTCTGCCACCTCTCCATGGGAGTTTTGGGCGTTT
TCTGCTTTCTACTTTGTGATGGATTTTTTAAAGAGGTAGCGAAAAACAGTGTCA
TCTCTCAGGAGAAAATGACCGAGATAACAATAAATTTTTGCTCAAAATCTTGGGA
AGAGACAAAGACATCTTATCCTTCAGTAAAGGAGAAGTACCTGAGTGAGTACTG
CTTCTCGGGCGCCTACATCCTCTCTCTCCTGCAAGGCTATAACTTACAGACAG
CTCCTGGGAACAGATTCATTTTATGGCAAGATCAAAGACAGCAACGCGGGGT
GGACTTTGGGCTACATGCTGAACTTGACCAACATGATCCCAGCTGAACAGCCGT
TGTCGCCGCTCTCCCTCACTCCACCTACATCGGCCTCATGGTTCTCTTCTCCCT
GCTCTTGGTTGCTGTGGCCATCACAGGCCTGTTTCATCTATAGCAAGCCTTCATA
TTTCTGGAAGAGGCAAGTATAG
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Quality Control:

The sequencing result is available upon request.