

Rattus norvegicus B7-2/CD86 cDNA Clone



Sino Biological Inc.
Biological Solution Specialist

Catalog Number: RG80025-M

General Information

Gene Bank Ref. ID : NM_020081.1

cDNA Size: 942

Gene Name Synonym :

B7-2; Cd86

Source: Rat

Description

cDNA Description :

ORF Clone of Rattus norvegicus CD86 molecule 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 798 C/G 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 H₂O. Ensure the filter is completely immersed in the H₂O 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 :

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ATGTATGTCGTCAAGACATGTGTAACCTGCACCATGTACTTGGGAATCCTTTTCT
CGGTGTTGGCCTATCTGCTCTCAGATGCTGTTCTGTGAAGAGGCAAGCTTACT
TCAATAGCACTGCATACCTGCCGTGCCCGTTACAAAGGCTCAAAACATAAGCC
CGAGTGAGCTCGTAGTATTTTGGCAGGACCGGAAAAAGTCGGTTCTGTACGAAC
ACTATTTGGGCGCAGAGAAACTTGATAACGTGAATGCCAAGTACCTGGGCCGCA
CAAGCTTTGATAGGGATAACCAGGCTCTACGACTTCACAATGTTTCAGATCAAGG
ACACGGGCTTGATGATTGTTTTATACAGCAAAAGACACCCACGGGATCAATTAT
CCTCCAGCAGTGGGAAACAGAGCTCTCAGTGATCGCCAACCTCAGTGAACCTGA
AATAGAGGAGGCTCAGAATGAAACAAGAAACACTGGCATAAATTTGACCTGCTC
ATCTAAGCAAGGATACCCGAAACCTACAAAGATGTATTTTGTAACTAATTCAA
CTAATGAGTATGGCGACAACATGCAGATATCACAAGACAATGTCACAAAGCTGT
TCAGTGTCTCCATCAGCCTATCTCTTCCATTCCCGATGGGGTGTAATATGA
CCATTGTGTATTCTGGAACGGAGTCAATGAATATTTCTCCAAACCTCACAA
TATGGTTTTTCGAGCCCCAGTTTGATCGAAAGACTTGGATCCAGATTGCAGG
TCCCAGTTCACTTCTGTGCTGTCTTTCTGCTGGTGGTCTACAAAGCAGTCAAA
AAGTGTGTTGAAGATGCAGAACCCAGCCCGCAGACCCAGCAGAAAGACTTGTGA
GTCCAAGCAGGACAGTGGTGTGACGAGTCGATCAACCTGGAGGAAGTTGAAC
CCCAATTGCATCAGCAGTAA
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Quality Control:

The sequencing result is available upon request.