

Human ARG1 cDNA Clone

Catalog Number: HG11558-M



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Bank Ref. ID : NM_000045.2

cDNA Size: 969

Gene Name Synonym :

ARG1

Source: Human

Description

cDNA Description :

ORF Clone of Homo sapiens arginase, liver DNA.

Vector :

Commercial pMD vector. (This vector is produced by TAKARA.

More information: <http://www.takara.com.cn/explain/L/D103A.pdf>)

Sequence Description :

Identical with the Gene Bank Ref. ID sequence except for the point mutation 635T/C resulting in the amino acid Met substitution by Thr.

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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ATGAGCGCCAAGTCCAGAACCATAGGGATTATTGGAGCTCCTTTCTCAAAGGGA
CAGCCACGAGGAGGGGTGGAAGAAGGCCCTACAGTATTGAGAAAGGCTGGTCT
GCTTGAGAACTTAAGAACAAGAGTGTGATGTGAAGGATTATGGGACCTGCC
CTTTGCTGACATCCCTAATGACAGTCCCTTTCAAATTGTGAAGAATCCAAGGTCT
GTGGGAAAAGCAAGCGAGCAGCTGGCTGGCAAGGTGGCAGAAGTCAAGAAGA
ACGGAAGAATCAGCCTGGTGCTGGGCGGAGACCACAGTTTGGCAATTGGAAGC
ATCTCTGGCCATGCCAGGGTCCACCCTGATCTTGGAGTCATCTGGGTGGATGC
TCACACTGATATCAACACTCCACTGACAACCACAAGTGGAACCTTGCATGGACA
ACCTGTATCTTTCCTCCTGAAGGAACTAAAAGGAAAGATTCCCGATGTGCCAGG
ATTCTCCTGGGTGACTCCCTGTATATCTGCCAAGGATATTGTGTATATTGGCTTG
AGAGACGTGGACCCTGGGGAACACTACATTTTAAAACTCTAGGCATTAAATAC
TTTTCAATGACTGAAGTGGACAGACTAGGAATTGGCAAGGTGACGGAAGAAACA
CTCAGCTATCTACTAGGAAGAAAGAAAAGGCCAATTCATCTAAGTTTTGATGTTG
ACGGACTGGACCCATCTTTCACACCAGCTACTGGCACACCAGTCGTGGGAGGT
CTGACATACAGAGAAGGTCTCTACATCACAGAAGAAATCTACAAAACAGGGCTA
CTCTCAGGATTAGATATAATGGAAGTGAACCCATCCCTGGGGAAGACACCAGAA
GAAGTAACTCGAACAGTGAACACAGCAGTTGCAATAACCTTGGCTTGTTCGGA
CTTGCTCGGGAGGGTAATCACAAGCCTATTGACTACCTTAACCCACCTAAGTAA
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Quality Control:

The sequencing result is available upon request.

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