Mouse LTA4H cDNA Clone

Catalog Number: MG50268-M

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Bank Ref. ID : NM_008517.2

cDNA Size: 1836

Gene Name Synonym :

Lta4h

Source: Mouse

Description

cDNA Description :

ORF Clone of Mus musculus leukotriene A4 hydrolase 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 five point mutations: 1339 A/G resulting in the amino acid Thr substitution by Ala and 387 T/C, 468 G/A, 1167 G/A and 1734 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_2O. Ensure the filter is completely immersed in the H_2O 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 :

ATGCCCGAGGTCGCGGATACTTGCTCCTTGGCTTCTCCAGCCTCGGTCTGCCG
AACCCAGCACCTCCATCTTCGCTGCAGCGTCGACTTCGCTCGCCGGACGCTGA
CCGGGACGGCCGCGCTCACGGTCCAGTCACAGGAGGAGAATCTGCGCAGCCT
GACTTTGGACACAAAAGACCTCACAATAGAAAAAGTGGTGATCAATGGACAAGA
AGTCAAATACACCCTTGGAGAAAGTCAAGGTTACAAAGGGTCACCGATGGAAAT
CTCTCTTCCCATCGCCCTGAGCAAAAATCAAGAGATCGTTATAGAAATTTCCTTT
GAGACATCTCCCAAATCCTCTGCGCTTCAGTGGCTCACTCCTGAACAGACGTCA
GGGAAGCAGCACCCGTATCTCTTCAGTCAGTGCCAGGCCATCCACTGCAGGGC
CATCCTCCCTTGCCAAGACACTCCTTCCGTGAAATTAACATACACCGCAGAGGT
GTCTGTCCCGAAAGAACTGGTGGCTCTCATGAGTGCCATCCGTGATGGAGAAG
CCCCTGACCCAGAAGACCCCAGCAGGAAGATTTACAGATTCAACCAGAGGGTT
CCCATACCATGCTACCTGATTGCTTTGGTTGTTGGAGCTTTAGAAAGCAGACAAA
TTGGCCCAAGAACTCTGGTGTGGTCCGAGAAAGAGCAGGTGGAGAAATCTGCT
AATGAATTTTCTGAGACCGAATCCATGCTTAAAATTGCAGAAGATCTGGGGGGG
CCCTATGTTTGGGGGCAGTACGACCTCTTGGTTCTGCCCCCATCCTTCCCGTAC
GGTGGCATGGAGAACCCTTGTCTCACGTTCGTAACGCCTACGCTACTGGCAGG
TGACAAGTCACTCTCCAACGTTATTGCACATGAAATATCTCATAGCTGGACAGGA
AACCTAGTGACTAACAAGACGTGGGATCACTTTTGGTTAAACGAAGGACATACT
GTCTACTTAGAGCGCCACATTTGTGGACGGTTGTTTGGGGAAAAGTTCAGACAT
TTCCATGCTTTGGGAGGATGGGGAGAGCTACAGAATACGATAAAAACATTTGGG
GAGTCCCACCCCTTCACCAAGCTCGTGGTTGATCTGAAGGACGTAGACCCCGA
TGTAGCCTATTCCTCCATCCCCTATGAGAAGGGCTTTGCACTACTCTTCTACCTT
GAACAGCTTCTTGGGGGACCAGAGGTGTTTCTAGGATTCTTAAAGGCTTATGTT
AAGAAGTTTTCCTACCAAAGTGTAACGACTGATGACTGGAAGAGCTTCCTATATT
CCCACTTTAAAGACAAGGTGGATCTTCTCAATCAAGTTGATTGGAACGCCTGGC
TCTACGCTCCGGGCCTGCCTCCTGTCAAGCCCAATTACGACGTGACTCTGACAA
ATGCTTGCATTGCCTTAAGTCAAAGATGGGTTACTGCCAAAGAGGAAGATTTAA
GCTCATTCAGCATCGCAGACCTGAAGGATCTCTCGTCCCATCAGCTGAATGAGT
TCCTGGCACAGGTGCTTCAGAAGGCACCTCTTCCCTTGGGGCACATAAAGCGA
ATGCAAGAGGTGTACAACTTCAATGCCATTAACAATTCTGAAATACGATTCAGAT
GGTTACGGCTCTGCATTCAATCGAAATGGGAGGAAGCAATTCCTTTGGCCCTAA
AGATGGCAACTGAACAAGGAAGGATGAAATTCACACGTCCTCTATTCAAGGATC
TCGCTGCCTTTGACAAATCCCATGATCAAGCTGTCCACACCTACCAAGAGCATA
AAGCCAGCATGCATCCCGTGACTGCGATGCTGGTGGGGAGAGATCTGAAAGTG
GATTAA

Quality Control:

The sequencing result is available upon request.