

Human BCAT2 ORF

Catalog Number: HG10228-M



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Bank Ref. ID : NM_001190.2

ORF Size: 1179

Gene Name Synonym:

BCAT2, BCAM, BCT2

Source: Human

Description

ORF Description:

ORF Clone of Homo sapiens branched chain aminotransferase 2, mitochondrial, nuclear gene encoding mitochondrial protein DNA

Vector :

Commercial available pMD Vector.

Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

Shipping

5-10µg Plasmid DNA is shipped on Whatman FTA elute card (Cat. No.: WB120410) at room temperature.

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.

ORF Sequence and Quality Control

Sequence:

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ATGGCCGACGCCGCTCTGGGGCAGATCTGGGCACGAAAGCTTCTCTGTGTC
CCTTGGCTTCGTGTGGTCCCAGAAGATATGCCCTCCTCCAGTTTCAAGGCTG
CAGACCTGCAGCTGGAAATGACACAGAAGCCTCA TAAGAAGCCTGGCCCGG
GCGAGCCCTGTGTTTGGGAAGACATTTACC GACCACATGCTGATGTGG
AATGGAATGACAAGGCTGGGGCCAGCCCGAATCCAGCCCTTCCAGAAC
CTCACGCTGCACCCAGCCTCCTCCAGCCTCCACTACTCCCTGCAGCTGTTT
GAGGGCATGAAGGCGTTCAAAGGCAAAGACCAGCAGGTGCGCCTTCCG
CCCCTGGCTCAACATGGACCGGATGCTGCGCTCAGCCA TGCCGCTGTGCC
TGCCGAGTTTCGACAAGCTGAGTTGCTGGAGTGCA TCCGCGGCTCATCC
AAGTGACAAGGACTGGGTCCCGA TGCCGCCGCCACCA GCCTCTA TGTG
CGCCTGTGCTCATTGGAAACGAGCCCTCGCTGGGTGTCAGCCAGCCAC
GCGCGCGCTCCTGTTCTGCTATTC TCTGCCAGTGGGTGCCTACTTCCCTGG
AGGCTCCGTGACCCCGGTCTCCTCCTTGCCGACCCAGCCTTATCCGGG
CCTGGGTGGGCGGGTCCGGCAACTACAAGTTAGGTGGGAATTA TGGGCC
ACCGTGTAGTGCAACAGGAGGCCTCAAGCGGGGCTGTGAACAGGTCCCT
TGGCTGTATGGCCCGACCACCAAGCTCACCGAGGTGGGAACCATGAACAT
CTTTGCTACTGGACCCACGAAGATGGGGTGTCTGGAGCTGGTGACGCCCC
GCTGAATGGTGTATCCTGCTGGAGTGGTCCAGACAGAGTCTACTGGACAT
GGCTCAGACCTGGGGTGTGTTCCGGGTGGTGGAGCGCACGATCACCATGA
AGCAGTTGCTGCGGGCCCTGAGGAGGGCCCGCTGCGGGAAGTCTTTGGC
TCGGGCACCGCTTGCCAGGTCTGCCAGTGCACCGAATCCTGTACAAAAGAC
AGGAACCTCCACATCCCACCATGGAAAATGGGGCTGAGCTGATCCTCCGC
TTCCAGAAGGAGCTGAAGGAGATCCAGTACCGAATCAGAGCCACGAGTGG
ATGTTCCCGGTGTGA
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Quality Control:

The sequencing result is available upon request.

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