



Catalog Number: HG11591-M

General Information

Gene Bank Ref. ID : NM_145203.5

cDNA Size: 1014

Gene Name Synonym :

CK1; MGC33182; CSNK1A1L

Source: Human

Description

cDNA Description :

ORF Clone of Homo sapiens casein kinase 1, alpha 1-like 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 mutations 126 C/A resulting in the amino acid Asp substitution by Glu.

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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ATGACAAACAACAGCGGCTCCAAAGCCGAACCTCGTTGTGGGAGGGAAATACAA
ACTGGTGCGGAAGATCGGGTCTGGCTCCTTTGGAGACGTTTATCTGGGCATCA
CCACCACCAACGGCGAGGAAGTAGCAGTGAAGCTGGAATCTCAGAAGGTCAAG
CACCCCCAGTTGCTGTATGAGAGCAAACTCTACACGATTCTTCAAGGTGGGGTT
GGCATCCCCACATGCACTGGTATGGTCAGGAAAAAGACAACAATGTGCTAGTC
ATGGACCTTCTGGGACCCAGCCTCGAAGACCTCTTTAATTTCTGTTCAAGAAGG
TTCACCATGAAAACGTACTTATGTTAGCCGACCAGATGATCAGCAGAATTGAAT
ACGTGCATACAAAGAATTTCTACACCGAGACATTAACCAGATAAATTCCTGAT
GGGTACTGGGCGTCACTGTAATAAGTTGTTCTTATTGATTTTGGTTTGGCCAAA
AAGTACAGAGACAACAGGACCAGGCAACACATACCGTACAGAGAAGATAAACAC
CTCATTGGCACTGTCCGATATGCCAGCATCAATGCACATCTTGGTATTGAGCAG
AGCCGCCGAGATGACATGGAATCCTTAGGCTACGTTTTCATGTATTTAATAGAA
CCAGCCTGCCGTGGCAAGGACTAAGGGCTATGACAAAAAACAATAATGAAA
AGATTAGTGAGAAGAAGATGTCCACCCCTGTTGAAGTTTTATGTAAGGGGTTTC
CTGCAGAATTGCCATGTAATGAACTACTGTCGTGGGCTGCGCTTTGAGGAAG
TCCCAGATTACATGTATCTGAGGCAGCTATTCCGCATTCTTTTCAGGACCCCTGAA
CCACCAATATGACTACACATTTGATTGGACGATGTTAAAGCAGAAAAGCAGCACA
GCAGGCAGCCTCTTCCAGTGGGCAGGGTCAGCAGGCCCAACCCAGACAGGC
AAGCAAACTGAAAAAACAAGAATAATGTGAAAGATAACTAA
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Quality Control:

The sequencing result is available upon request.