

Human MAPK14 ORF

Catalog Number: HG10646-M



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Bank Ref. ID : NM_001315.2

ORF Size: 1083

Gene Name Synonym:

RK; p38; EXIP; Mxi2; CSBP1; CSBP2; CSPB1;
PRKM14; PRKM15; SAPK2A; p38ALPHA

Source: Human

Description

ORF Description:

ORF Clone of Homo sapiens mitogen-activated protein kinase 14, transcript variant 1 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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ATGTCCTCAGGAGAGGCCACGTTCTACCGGCAGGAGCTGAACAAGACAATC
TGGGAGGTGCCCGAGCGTTACCAGAACCTGTCTCCAGTGGGCTCTGGCGC
CTATGGCTCTGTGTGCTGCTTTTGACACAAAAACGGGGTTACGTGTGGCA
GTGAAGAAGCTCTCCAGACCATTTTCAGTCCATCATTATGCGAAAAAGAACCT
ACAGAGAACTGCGGTTACTTAAACATATGAAACATGAAATGTGATTGGTCT
GTTGGACGTTTTTACACCTGCAAGGTCTCTGGAGGAATTCATGATGTGTAT
CTGGTGACCCATCTCATGGGGGCAGATCTGAACACATTGTGAAATGTCAG
AAGCTTACAGATGACCATGTTTCAGTTCCTTATCTACCAAATTCCTCGAGGTCT
AAAGTATATACATTGAGCTGACATAATTACAGGGACCTAAACCTAGTAATC
TAGCTGTGAATGAAGACTGTGAGCTGAAGATTCTGGATTTTGGACTGGCTCG
GCACACAGATGATGAAATGACAGGCTACGTGGCCACTAGGTGGTACAGGGC
TCCTGAGATCATGCTGAACTGGATGCAATACAACAGACAGTTGATATTTGG
TCAGTGGGATGCATAATGGCCGAGCTGTTGACTGGAAGAACATTGTTTCCTG
GTACAGACCATATTAACAGCTTCAGCAGATTATGCGTCTGACAGGAACACC
CCCCGCTTATCTCATTAAACAGGATGCCAAGCCATGAGGCAAGAACTATATT
CAGCTTTGACTCAGATGCCGAAGATGAACCTTTGCGAATGTATTTATTTGGTG
CCAATCCCCTGGCTGTGCACTTGCTGGAGAAGATGCTTGATTGGACTCAG
ATAAGAGAATTACAGCGGCCCAAGCCCTTGACATGCCTACTTTGCTCAGTA
CCACGATCCTGATGATGAACCAAGTGGCCGATCCTTATGATCAGTCCTTTGAA
AGCAGGGACCTCCTTATAGATGAGTGGAAAAGCCTGACCTATGATGAAGTC
ATCAGCTTTGTGCCACCACCCCTTGACCAAGAAGAGATGGAGTCCTGA
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Quality Control:

The sequencing result is available upon request.