

MBIP cDNA

Catalog Number: ATGD0370

PRODUCT INFORMATION

Catalog number

ATGD0370

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057670.2

Alternative Names

mRNA Refseq

NM_016586.2

OMIM

609431

Chromosome location

14q13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1035bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

MBIP inhibits the MAP3K12 activity to induce the activation of the JNK/SAPK pathway. This protein is a

component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.

DATA

Sequence nucleotides

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ATGGCTGCTGCCACGGAGCTTAATCGCCCGAGCAGCGGTGACAGGAACCTGGAGCGAAGATGCAGACCCAACCTCTCCCG
AGAGGTGCTCTACGAAATCTTTTCGCTCCCTACACACCCTGGTTGGACAGCTTGACCTCAGAGATGATGTGGTGAAAATTACA
ATCGATTGGAACAAGCTCCAGAGCCTCTCGGCATTCCAGCCTGCATTGCTCTTTAGTGCCTTGAACAACACATTTTATATTT
ACAGCCTTTTTTAGCAAACTTCAGTCTCCGATTAAGAGGGAGAATACTGCTGTTGAAGAGATAGGAAGAACAGAAATG
GGGAACAAAAATGAAGTAAATGACAAATTTTCCATTGGCGACCTACAAGAGGAAAGAAAAGCACAAGAAAGTGATTTAAGA
GATGTGAAAAAGACACAGATCCATTTTATCCAGAAGTAGTTTCAGATAAAGGCTGGAAAAGCAGAAATTGACAGACGAATAT
CTGCATTTATTGAAAGAAAGCAAGCTGAAATCAATGAAAACAACGTCAGGGAATTTTGAATGTTATTGATTGTAATCAAGAA
AATAGTTGTGCAAGAAGTATGCGATTTTTACCCCTTACCCCGGATTTAAAAGTCACGTAAGTTTCTAGAGTTGTGAATAC
ATACGGACCACAGACTAGACCTGAAGGAATTCAGGGTCAGGTCATAAACCTAACAGCATGCTTCGAGACTGTGGTAATCA
GGCTGTAGAAGAACGACTACAAAATATTGAGGCCCACTTGCGGTTACAGACAGGTGGTCCAGTGCCAAGAGACATTTATCA
GAGAATTAAAAACTTGAGGATAAAATCCTTGAATTGGAAGGCATCTCTCCTGAATATTTTTCAGTCTGTAAGCTTTTCTGGAA
AAAGAAGAAAAGTTCAACCACCTCAACAGAACTATTCACTGGCTGAACTTGATGAGAAAATTAGTGCCCTCAAACAAGCCCT
CCTCAGAAAATCAAGAGAAGCAGAATCCATGGCAACCCACCACCTTCCATGA
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Transaction Sequence

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MAAATELNRP SSGDRNLERR CRPNLSREVL YEIFRSLHTL VGQLDLRDDV VKITIDWNKLQSLSAFQPAL LFSALEQHIL
YLQPFLLAKLQ SPIKEENTTA VEEIGRTEMG NKNEVNDKFSIGDLQEEKH KESDLRDVKK TQIHFDPEVV QIKAGKAEID
RRISAFIERK QAEINENNVREFCNVIDCNQ ENSCARDIAI FTPYPGFKSH VKVSRVVNTY GPQTRPEGIP
GSGHKPNSMLRDCGNQAVEE RLQNIHAHLR LQTGGPVPRD IYQRIKKLED KILELEGISP EYFQSVSFSGKRRKVQPPQQ
NYSLAELDEK ISALKQALLR KSREAESMAT HHLF
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