

MBIP cDNA

Catalog Number: ATGD0370

PRODUCT INFORMATION

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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

ATGGCTGCTGCCACGGAGCTTAATCGCCCGAGCAGCGGTGACAGGAACCTGGAGCGAAGATGCAGACCCAACCTCTCCCG
AGAGGTGCTCTACGAAATCTTTCGCTCCCTACACACCCTGGTTGGACAGCTTGACCTCAGAGATGATGTGGTGAAAATTACA
ATCGATTGGAACAAGCTCCAGAGCCTCTCGGCATTCCAGCCTGCATTGCTCTTTAGTGCACTTGAACAACACATTTTATATTT
ACAGCCTTTTTTAGCAAACTTCAGTCTCCGATTAAAGAGGAGAATACAACCTGCTGTTGAAGAGATAGGAAGAACAGAAATG
GGGAACAAAAATGAAGTAAATGACAAATTTTCCATTGGCGACCTACAAGAGGAAGAAAAGCACAAAGAAAGTGATTTAAGA
GATGTGAAAAAGACACAGATCCATTTTGATCCAGAAGTAGTTTCAGATAAAGGCTGGAAAAGCAGAAATTGACAGACGAATAT
CTGCATTTATTGAAAGAAAGCAAGCTGAAATCAATGAAAACAACGTCAGGGAATTTTGCAATGTTATTGATTGTAATCAAGAA
AATAGTTGTGCAAGAACTGATGCGATTTTTACCCCTTACCCCGGATTTAAAAGTCACGTAAAAGTTTCTAGAGTTGTGAATAC
ATACGGACCACAGACTAGACCTGAAGGAATTCCAGGGTCAGGTCATAAACCTAACAGCATGCTTCGAGACTGTGGTAATCA
GGCTGTAGAAGAACGACTACAAAATATTGAGGCCCACTTGCGGTTACAGACAGGTGGTCCAGTGCCAAGAGACATTTATCA
GAGAATTAAAAACTTGAGGATAAAATCCTTGAATTGGAAGGCATCTCTCCTGAATATTTTCAGTCTGTAAGCTTTTCTGGAA
AAAGAAGAAAAGTTCAACCACCTCAACAGAACTATTCACTGGCTGAACTTGATGAGAAAATTAGTGCCCTCAAACAAGCCCT
CCTCAGAAAATCAAGAGAAGCAGAATCCATGGCAACCCACCACCTTCCATGA

Transaction Sequence

MAAATELNRP SSGDRNLERR CRPNLSREVL YEIFRSLHTL VGQLDLRDDV VKITIDWNKLQSLSAFQPAL LFSALEQHIL
YLQPFLAKLQ SPIKEENTTA VEEIGRTEMG NKNEVNDKFSIGDLQEEKH KESDLRDVKK TQIHFDPEVV QIKAGKAEID
RRISAFIERK QAEINENNVREFCNVIDCNQ ENSCARTDAI FTPYPGFKSH VKVSRVVNTY GPQTRPEGIP
GSGHKPNSMLRDCGNQAVEE RLQNieAHLR LQTGGPVPRD IYQRIKKLED KILELEGISP EYFQSVSFSGKRRKVQPPQ
NYSLAELDEK ISALKQALLR KSREAESMAT HHL P