

MZB1 cDNA

Catalog Number: ATGD0341

PRODUCT INFORMATION

Catalog number

ATGD0341

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057543.2

Alternative Names

MEDA-7, PACAP, pERp1

mRNA Refseq

NM_016459.3

OMIM

609447

Chromosome location

5q31.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

294bp

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

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MZB1 acts as a hormone-regulated adipokine/proinflammatory cytokine that is implicated in causing chronic inflammation, affecting cellular expansion and blunting insulin response in adipocytes. This protein may have a role in the onset of insulin resistance.

DATA

Sequence nucleotides

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ATGAGGCTGTCACCTGCCACTGCTGCTGCTGCTGCTGGGAGCCTGGGCCATCCCAGGGGGCCTCGGGGACAGGGCGCCACT
CACAGCCACAGCCCCACAACCTGGATGATGAGGAGATGTACTCAGCCACATGCCCGCTCACCTGCGCTGTGATGCCTGCAG
AGCTGTGGCTTACCAGATGTGGCAAATCTGGCAAAGGCAGAGACCAAACCTCATACTCAAACCTCTGGGGGGCGGGCGGG
AGCTGAGCGAGTTGGTCTACACGGATGTCCTGGACCGGAGCTGCTCCCGGAACTGGCAGGACTACGGAGTTCGAGAAGTG
GACCAAGTGAAACGTCTCACAGGCCAGGACTTAGCGAGGGGCCAGAGCCAAGCATCAGCGTGATGGTCACAGGGGGCCC
CTGGCCTACCAGGCTCTCCAGGACATGTTTGCCTACTTGGGGGAGTTTGGAGAAGACCAGATCTATGAAGCCCACCAACA
AGGCCGAGGGGCTCTGGAGGCATTGCTATGTGGGGGACCCAGGGGGCCTGCTCAGAGAAGGTGTCAGCCACAAGAGAA
GAGCTCTAG
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Transaction Sequence

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MRLSLPLLLL LLGAWAIPGG LGDRAPLTAT APQLDDEEMY SAHMPAHLRC DACRAVAYQM WQNLAKAETK LHTSNSGRR
ELSELVYTDV LDRSCSRNWQ DYGVREVDQV KRLTGPGLSE GPEPSISVMV TGGPWPTRLS RTCLHYLGEF GEDQIYEAHQ
QGRGALEALL CGGPQGACSE KVSATREEL
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