

MDP1 cDNA

Catalog Number: ATGD0201

PRODUCT INFORMATION

Catalog number

ATGD0201

Product type

cDNA

Species

Human

NCBI Accession No.

NP_612485.2

Alternative Names

FN6PASE, MDP-1

mRNA Refseq

NM_138476.3

OMIM

Chromosome location

14q12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

531bp

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

MDP1 (Magnesium-Dependent Phosphatase 1) is a Protein Coding gene.

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DATA

Sequence nucleotides

ATGGCGCGGCTACCGAAGCTGGCAGTCTTTGATTTGGATTACACTCTCTGGCCTTTCTGGGTCGACACGCACGTAGACCCTC
CGTTCCATAAGAGCAGTGATGGAAGTGTACGAGATAGGCGGGGCCAAGACGTCCGACTGTACCCAGAGGTGCCTGAGGTC
CTAAAACGATTGCAGAGCCTTGGGGTGCCCGGTGCGGCTGCTTCAAGGACAAGTGAGATAGAAGGGGGCCAACCAGCTACT
GGAGCTCTTTGACCTCTTCAGGTACTTTGTTTCATCGGGAAATCTATCCAGGCAGCAAGATCACACACTTTGAGAGGTTGCAG
CAGAAGACTGGAATTCCTTTCTCCCAGATGATCTTCTTTGATGATGAGAGGCGGAATATTGTAGACGTCAGCAAAGTGGGTG
TTACCTGCATTACATCCAGAATGGAATGAATCTTCAAAGTCAAGGGTTAGAGACATTTGCGAAGGCCCAAAGTGG
GCCTTTGAGGTCCAGCCTTGAGGAGAGCCCATTTGAGGCCTAA

Transaction Sequence

MARLPKLAVF DLDYTLWPFW VDTHVDPPFH KSSDGTVRDR RGQDVRLYPE VPEVLKRLQSLGVPGAAASR TSEIEGANQL
LELFDLFRYF VHREIYPGSK ITHFERLQK TGIPFSQMIFDERRNIVD VSKLGVTCIH IQNGMNLQTL SQGLETFKA
QTGPLRSSLE ESPFEA