

MECOM cDNA

Catalog Number: ATGD0398

PRODUCT INFORMATION

Catalog number

ATGD0398

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004982.1

Alternative Names

MDS1 and EVI1 complex locus, myelodysplasia syndrome 1, ecotropic viral integration site 1, MDS1, EVI1, PRDM3, MDS1-EVI1

mRNA Refseq

NM_004991.2

OMIM

600049

Chromosome location

3q26

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

510bp

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)

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General Description

MDS1 is a transcriptional regulator and oncoprotein that may be involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. Several transcript variants encoding a few different isoforms have been found for this gene.

DATA

Sequence nucleotides

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ATGAGATCCAAAGGCAGGGCAAGGAAACTGGCCACAAATAATGAGTGTGTATATGGCAACTACCCTGAAATACCTTTGGAA
GAAATGCCAGATGCAGATGGAGTAGCCAGCACTCCCTCCCTCAATATTCAAGAGCCATGCTCTCCTGCCACATCCAGTGAAG
CATTCACTCCAAAGGAGGGTTCTCCTTACAAAGCCCCATCTACATCCCTGATGATATCCCCATTCTGCTGAGTTTGAAGTT
CGAGAGTCAAATATGCCTGGGGCAGGACTAGGAATATGGACCAAAGGAAGATCGAAGTAGGTGAAAAGTTTGGGCCTTAT
GTGGGAGAGCAGAGGTCAAACCTGAAAGACCCCAGTTATGGATGGGAGGTACATCTTCCAAGGTCTCGGAGGGTAAGCGT
TCACTCTTGGTTGTATTTGGGGAAGAGAAGCTCAGACGTAGGAATAGCCTTCTCTCAGGCTGATGTCTACATGCCTGGACTG
CAGTGTGCCTTCCTCTCGTAG
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Transaction Sequence

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MRSKGRARKL ATNNECVYGN YPEIPLEEMP DADGVASTPS LNIQPCSPA TSSEAFPKE GSPYKAPIYI PDDIPIPAEF
ELRESNMPGA GLGIWTKRKI EVGEKFGPYV GEQRSNLKDP SYGWEVHLPR SRRVSVHSL YLKRSSDVG IAFSQADVYM
PGLQCAFLS
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