MARCKSL1 cDNA

Catalog Number: ATGD0339

PRODUCT INFORMATION

Catalog number
ATGD0339

Product type
cDNA

Species
Human

NCBI Accession No.
NP_075385.1

Alternative Names
F52, MACMARCKS, MLP, MLP1, MRP

mRNA Refseq
NM_023009.6

OMIM
602940

Chromosome location
1p35.1

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
588bp

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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MARCKSL1 encodes a member of the myristoylated alanine-rich C-kinase substrate (MARCKS) family. Members of this family play a role in cytoskeletal regulation, protein kinase C signaling and calmodulin signaling. The encoded protein affects the formation of adherens junction. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are located on the long arm of chromosomes 6 and 10.

DATA

Sequence nucleotides

ATGGGCAGCCAGAGCTCCAAGGCTCCCCGGGGCGACGTGACCGCCGAGGAGGCAGCAGGCGCTTCCCCCGCGAAGGCCA
ACGGCCAGGAGAATGGCCACGTGAAAAGCAATGGAGACTTATCCCCCAAGGGTGAAGGGGAGTCGCCCCCTGTGAACGGA
ACAGATGAGGCAGCCGGGGCCACTGGCGATGCCATCGAGCCAGCACCCCCTAGCCAGGGTGCTGAGGCCAAGGGGGAGG
TCCCCCCCAAGGAGACCCCCAAGAAGAAGAAGAAATTCTCTTTCAAGAAGCCTTTCAAATTGAGCGGCCTGTCCTTCAAGAG
AAATCGGAAGGAGGGTGGGGGTGATTCTTCTGCCTCCTCACCCACAGAGGAAGAGCAGGAGCAGGGGGAGATCGGTGCCT
GCAGCGACGAGGGCACTGCTCAGGAAGGGAAGGCCGCAGCCACCCCTGAGAGCCAGGAACCCCAGGCCAAGGGGGCAG
AGGCTAGTGCAGCCTCAGAAGAAGAGGCAGGGCCCCAGGCTACAGAGCCATCCACTCCCTCGGGGCCGGAGAGTGGCCC
TACACCAGCCAGCGCTGAGCAGAATGAGTAG

Transaction Sequence

MGSQSSKAPR GDVTAEEAAG ASPAKANGQE NGHVKSNGDL SPKGEGESPP VNGTDEAAGA TGDAIEPAPP SQGAEAKGEV
PPKETPKKKK KFSFKKPFKL SGLSFKRNRK EGGGDSSASS PTEEEQEQGE IGACSDEGTA QEGKAAATPE SQEPQAKGAE
ASAASEEEAG PQATEPSTPS GPESGPTPAS AEQNE