

SCAND1 cDNA

Catalog Number: ATGD0161

PRODUCT INFORMATION

Catalog number

ATGD0161

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057642.1

Alternative Names

RAZ1, SDP1

mRNA Refseq

NM_016558.3

OMIM

610416

Chromosome location

20q11.1-q11.23

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

540bp

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 Nde 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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SCAND1 encodes a SCAN box domain-containing protein. The SCAN domain is a highly conserved, leucine-rich motif of approximately 60 aa originally found within a subfamily of zinc finger proteins. This gene belongs to a family of genes that encode an isolated SCAN domain, but no zinc finger motif. This protein binds to and may regulate the function of the transcription factor myeloid zinc finger 1B. Alternate splicing results in multiple transcript variants.

DATA

Sequence nucleotides

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ATGGCGGCTACGGAGCCGATCTTGCGGCCACTGGGAGTCCCGCGGCGGTGCCACCGGAGAACTGGAAGGAGCCGGTT
CGAGCTCAGCCCCTGAGCGTAACTGTGTGGGCTCCTCGCTGCCAGAGGCCTCACCGCCTGCCCTGAGCCTTCCAGTCCCA
ACGCCGCGGTCCCTGAAGCCATCCCTACGCCCGAGCTGCGGCCTCCGCGGCCCTGGAGCTGCCTCTCGGGCCCGCACCC
GTGAGCGTAGCGCCTCAGGCCGAAGCTGAAGCGCGCTCCACACCAGGCCCGCCGGCTCTAGACTCGGTCCCGAGACGTT
CCGCCAGCGTTTCCGGCAGTTCCGCTACCAGGATGCGGCGGGTCCCCGGGAGGCTTTCCGGCAGCTGCGGGAGCTGTCCC
GCCAGTGGCTGCGGCCTGACATCCGCACCAAGGAGCAGATCGTGGAGATGCTGGTGCAAGAGCAGCTGCTCGCCATCCTG
CCCGAGGCGGCTCGGGCCCGGCGGATCCGCCCGCCGACGGATGTGCGCATCACTGGCTGA
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Transaction Sequence

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MAATEPILAA TGSPAAPPE KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP
VSVAPQAEAE ARSTPGPAGS RLGPFTRQR FRQFRYQDAA GPREFRQLR ELSRQWLRPD IRTKEQIVEM LVQEQLLAIL
PEARARRIR RRTDVRITG
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