

RASSF3 cDNA

Catalog Number: ATGD0414

PRODUCT INFORMATION

Catalog number

ATGD0414

Product type

cDNA

Species

Human

NCBI Accession No.

NP_835463.1

Alternative Names

RASSF5

mRNA Refseq

NM_178169.3

OMIM

607019

Chromosome location

12q14.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

717bp

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

RASSF3 cDNA

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RASSF3 is a member of RASSF family and is a ubiquitously expressed protein found in normal and cancerous tissues. It contains an N-terminal RA domain and a coiled-coil SARAH domain. Three isoforms, namely RASSF3A, RASSF3B and RASSF3C, may exist for RASSF3 due to alternative splicing. RASSF3B and RASSF3C are shorter than RASSF3A and do not contain the RA and SARAH domain.

DATA

Sequence nucleotides

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ATGAGCAGCGGCTACAGCAGCCTGGAGGAGGACGCCGAGGACTTCTTCTTCACCGCCAGGACCTCCTTCTTCAGGAGAGC
GCCCCAGGGCAAGCCCCGCTCCGGCCAACAAGATGTTGAGAAAGAGAAGGAAACCCACAGTTACCTCAGCAAAGAGGAGA
TCAAAGAGAAAAGTTCATAAATACAACCTTAGCAGTCACAGACAAGTTGAAGATGACCTTGAATTCAAATGGGATTTACACTGG
CTTCATTAAGTACAGATGGAACCTCTGCAAACCTCCACAGACTTCTCCAAATTCTGGAAAACCTCTCTCCAGTAGCAATGGCT
GTATGAATACACTTCATATCAGCAGCACAAACACTGTCGGGGAAGTGATCGAGGCCCTGCTCAAAAAGTTTCTCGTGACTGA
GAGCCCTGCCAAGTTTGCACCTTATAAGCGTTGTCACAGGGAAGACCAAGTCTACGCCTGCAAGCTCTCAGACCGGGAACA
TCCACTCTACCTGCGTTTGGTAGCAGGGCCCAGAACAGACACACTTAGTTTTTGTTCCTTCGTGAACATGAAATTGGAGAGTGG
GAAGCCTTCAGCCTTCCAGAACTACAGAATTTCTTGCGCATCTTGACAAGGAAGAAGATGAACAGCTGCAGAACCTGAAG
AGGCGCTACACAGCCTACAGGCAGAAGCTGGAAGAAGCCCTCCGTGAGGTGTGGAAGCCTGATTAA
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Transaction Sequence

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MSSGYSSLEE DAEDFFFTAR TSFFRRAPQG KPRSGQQDVE KEKETHSYLS KEEIKEKVHK YNLAVTDKLK MTLNSNGIYT
GFIKVQMELC KPPQTSPNSG KLSPSSNGCM NTLHISSTNT VGEVIEALLK KFLVTESPAK FALYKRCHRE DQVYACKLSD
REHPLYLRLV AGPRDTLSF VLREHEIGEW EAFSLPELQN FLRILDKEED EQLQNLKRRY TAYRQKLEEA LREVWKPD
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