

RSG1 cDNA

Catalog Number: ATGD0229

PRODUCT INFORMATION

Catalog number

ATGD0229

Product type

cDNA

Species

Human

NCBI Accession No.

NP_112169.2

Alternative Names

C1orf89

mRNA Refseq

NM_030907.3

OMIM

Chromosome location

1p36.13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

777bp

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 inserted 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

RSG1 (REM2 And RAB-Like Small GTPase 1) is a Protein Coding gene.

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DATA

Sequence nucleotides

ATGGCCAGACCTCCCGTGCCCCGGTTCGGTGGTTGTCCCAAACCTGGCACGAGAGTGCCGAGGGCAAGGAGTACCTGGCTTG
CATTCTGCGCAAGAACCGCCGGCGGGTGTGGGCTGCTTGAGCGGCCAGTGCTGCTGCCGCCTGTGTCCATTGACACTGC
CAGCTACAAGATCTTTGTGTCCGGAAGAGTGGTGTGGGCAAGACGGCGCTGGTGGCCAAGCTGGCTGGCCTGGAGGTGC
CTGTGGTGCACCACGAGACCACCGGCATCCAGACCACCGTGGTATTTTGGCCAGCCAAGCTGCAGGCCAGCAGCCGTGTC
GTCATGTTTCGTTTTGAGTTCTGGGACTGTGGAGAGTCTGCACTCAAAAAGTTCGATCATATGCTGCTGGCTTGCATGGAGA
ACACAGATGCCTTCCTCTTCCTCTTCCTTCACTGACCGTGCCTCCTTTGAAGACCTCCCTGGACAGCTGGCCCCGCATAGC
AGGTGAGGCCCCCTGGTGTCTGTCAGGATGGTCATCGGCTCCAAATTTGACCAGTACATGCACACGGACGTGCCCCGAGCGGG
ACCTCACAGCCTTCCGGCAGGCCTGGGAGCTGCCCCTGCTACGGGTGAAGAGTGTGCCGGGGCGGCGGCTGGCTGATGG
GCGCACACTGGACGGGCGGGCTGGGCTGGCCGACGTTGCCACATACTCAATGGCCTTGCTGAGCAGCTGTGGCACCAGG
ACCAGGTGGCGGCTGGCCTGCTTCCCAACCCCCCAGAGAGTGCTCCTGAATGA

Transaction Sequence

MARPPVPGSV VVPNWHESAE GKEYLACILR KNRRRVFGLL ERPVLLPPVS IDTASYKIFV SGKSGVGKTA LVAKLAGLEV
PVVHHETTGI QTTVVFWPAK LQASSRVVMF RFEFWDCGES ALKKFDHMLL ACMENTDAFL FLFSFTDRAS FEDLPGQLAR
IAGEAPGVVR MVIGSKFDQY MHTDVPERDL TAFRQAWELP LLRVKSVPGR RLADGRTL DG RAGLADVAHI LNGLAEQLWH
QDQVAAGLLP NPPESAPE