

SRSF7 cDNA

Catalog Number: ATGD0393

PRODUCT INFORMATION

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ATGD0393

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001026854.1

Alternative Names

9G8, AAG3, SFRS7

mRNA Refseq

NM_001031684.2

OMIM

600572

Chromosome location

2p22.1

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

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SRSF7 is a member of the serine/arginine (SR) -rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. Two transcript variants encoding different isoforms have been found for SRSF7.

DATA

Sequence nucleotides

ATGTCGCGTTACGGGCGGTACGGAGGAGAAACCAAGGTGTATGTTGGTAACCTGGGAACTGGCGCTGGCAAAGGAGAGTT
AGAAAGGGCTTTTCAGTTATTATGGTCCTTTAAGAACTGTATGGATTGCGAGAAATCCTCCAGGATTTGCCTTTGTGGAATTCG
AAGATCCTAGAGATGCAGAAGATGCAGTACGAGGACTGGATGGAAAGGTGATTTGTGGCTCCCGAGTGAGGGTTGAACTAT
CGACAGGCATGCCTCGGAGATCACGTTTTGATAGACCACCTGCCCCGACGTCCCTTTGATCCAAATGATAGATGCTATGAGTG
TGGCGAAAAGGGACATTATGCTTATGATTGTCATCGTTACAGCCGGCGAAGAAGAAGCAGGTCACGGTCTAGATCACATTC
TCGATCCAGAGGAAGGCGATACTCTCGCTCACGCAGCAGGAGCAGGGGACGAAGGTCAAGGTCAGCATCTCCTCGACGAT
CAAGATCTATCTCTCTTCGTAGATCAAGATCAGCTTCACTCAGAAGATCTAGGTCTGGTTCTATAAAAGGATCGAGGTATTTT
CAATCCCCGTCGAGGTCAAGATCAAGATCCAGGTCTATTTACGACCAAGAAGCAGCCGATCAAAGTCCAGATCTCCATCTC
CAAAAAGAAGTCGTTCCCCATCAGGAAGTCCTCGCAGAAGTGCAAGTCCTGAAAGAATGGACTGA

Transaction Sequence

MSRYGRYGE TKVYVGNLGT GAGKGELERA FSYYGPLRTV WIARNPPGFA FVEFEDPRDAEDAVRGLDGK VICGSRVRVE
LSTGMPPRRSR FDRPPARRPF DPNDRCYECG EKGHYAYDCHRYSRRRRSRS RSRSHSRSRG RRYRSRSRS RRRRSRSASP
RRRSISLRR SRSASLRRSRSGSIKGSRYF QSPSRRSRS RSISRPRSSR SKSRSPSPKR SRSPSGSPRR SASPERMD