

SNRPE cDNA

Catalog Number: ATGD0197

PRODUCT INFORMATION

Catalog number

ATGD0197

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003085.1

Alternative Names

B-raf, HYPT11, Sm-E, SME

mRNA Refseq

NM_003094.3

OMIM

128260

Chromosome location

1q32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

279bp

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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Core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in an heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. As part of the U7 snRNP it is involved in histone 3-end processing. May indirectly play a role in hair development.

DATA

Sequence nucleotides

ATGGCGTACCGTGGCCAGGGTCAGAAAGTGCAGAAGGTTATGGTGCAGCCCATCAACCTCATCTTCAGATACTTACAAAAT
AGATCGCGGATTTCAGGTGTGGCTCTATGAGCAAGTGAATATGCGGATAGAAGGCTGTATCATTGGTTTTGATGAGTATATGA
ACCTTGATTAGATGATGCAGAAGAGATTCATTCTAAAACAAAGTCAAGAAAACAACCTGGGTTCGGATCATGCTAAAAGGAGA
TAATATTACTCTGCTACAAAGTGTCTCCAACCTAG

Transaction Sequence

MAYRGQGQKV QKVMVQPINL IFRYLQNRSR IQVWLYEQVN MRIEGCIIGF DEYMNVLVDDAEEIHSKTKS RKQLGRIMLK
GDNITLLQSV SN