

SF3B6 cDNA

Catalog Number: ATGD0165

PRODUCT INFORMATION

Catalog number

ATGD0165

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057131.1

Alternative Names

CGI-110, HSPC175, Ht006, P14, SAP14, SAP14a, SF3B14, SF3B14a

mRNA Refseq

NM_016047.3

OMIM

607835

Chromosome location

2p23

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

378bp

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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SF3B14 encodes a 14 kDa protein subunit of the splicing factor 3b complex. Splicing factor 3b associates with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. This 14 kDa protein interacts directly with subunit 1 of the splicing factor 3b complex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transesterification step of splicing at the pre-mRNA branch site.

DATA

Sequence nucleotides

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ATGGCGATGCAAGCGGCCAAGAGGGCGAACATTCGACTTCCACCTGAAGTAAATCGGATATTGTATATAAGAAATTTGCCAT
ACAAAATCACAGCTGAAGAAATGTATGATATATTTGGGAAATATGGACCTATTCGTCAAATCAGAGTGGGGAACACACCTGA
AACTAGAGGAACAGCTTATGTGGTCTATGAGGACATCTTTGATGCCAAGAATGCATGTGATCACCTATCGGGATTCAATGTT
TGTAACAGATACCTTGTGGTTTTGTACTATAATGCCAACAGGGCATTTCAGAAGATGGACACAAAGAAGAAGGAGGAACAGT
TGAAGCTTCTCAAGGAGAAATATGGCATCAACACAGATCCACCAAATAA
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Transaction Sequence

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MAMQAAKRAN IRLPPEVNRI LYIRNLPYKI TAEEMYDIFG KYGPQRQIRV GNTPETRGTA YVYEDIFDA KNACDHLSGF
NVCNRYLVVL YYNANRAFQK MDTKKKEEQL KLLKEYGIN TDPPK
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