

RPP30 cDNA

Catalog Number: ATGD0038

PRODUCT INFORMATION

Catalog number

ATGD0038

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006404.1

Alternative Names

TSG15

mRNA Refseq

NM_006413.4

OMIM

606115

Chromosome location

10q23.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

807bp

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 Kpn 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

RPP30 cDNA

Catalog Number: ATGD0038

RPP30 (Ribonuclease P protein subunit p30) belongs to the eukaryotic/archaeal RNase P protein component 3 family. RPP30 is component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Ribonuclease P (PNase P) is small nuclear ribonucleoproteins (snRNPs) that act on RNA substrates in vitro. Also, RNase P accumulates in the nucleolus, have a similar RNA component and also have several protein subunits in common.

DATA

Sequence nucleotides

```
ATGGCGGTGT TTGCAGATTT GGACCTGCGA GCGGGTTCTG ACCTGAAGGC TCTGCGCGGA CTTGTGGAGA
CAGCCGCTCA CTTGGCTAT TCAGTTGTTG CTATCAATCA TATCGTTGAC TTTAAGGAAA AGAAACAGGA
AATTGAAAAA CCAGTAGCTG TTTCTGAACT CTTCACAACT TTGCCAATTG TACAGGGAAA ATCAAGACCA ATTAAAATTT
TAACTAGATT AACAATTATT GTCTCGGATC CATCTCACTG CAATGTTTTG AGAGCAACTT CTTCAAGGGC
CCGGCTCTAT GATGTTGTTG CAGTTTTTCC AAAGACAGAA AAGCTTTTTT ATATTGCTTG CACACATTTA GATGTGGATT
TAGTCTGCAT AACTGTAACA GAGAACTAC CATTCTACTT CAAAAGACCT CCTATTAATG TGGCGATTGA
CCGAGGCCTG GCTTTTGAAC TTGTCTATAG CCCTGCTATC AAAGACTCCA CAATGAGAAG GTATACAATT
TCCAGTGCC TCAATTTGAT GCAAATCTGC AAAGGAAAGA ATGTAATTAT ATCTAGTGCT GCAGAAAGGC
CTTTAGAAAT AAGAGGGCCA TATGACGTGG CAAATCTAGG CTTGCTGTTT GGGCTCTCTG AAAGTGACGC
CAAGGCTGCG GTGTCCACCA ACTGCCGAGC AGCGCTTCTC CATGGAGAAA CTAGAAAAAC TGCTTTTGGG
ATTATCTCTA CAGTGAAGAA ACCTCGGCCA TCAGAAGGAG ATGAAGATTG TCTTCCAGCT TCCAAGAAAG
CCAAGTGTGA GGGCTGA
```

Transaction Sequence

```
MAVFADLDR AGSDLKALRG LVETAHLGY SVVAINHVD FKEKKQEIEK PVAVSELTFT LPIVQGKSRP IKILRTLII
VSDPSHCNVL RATSSRARLY DVVAVFPKTE KLFHIACTHL DVDLVCITVT EKLPHYFKRP PINVAIDRGL AFELVYSPAI
KDSTMRRYTI SSALNLMQIC KGKNVISSA AERPLEIRGP YDVANLGLLF GLSEDAKAA VSTNCRAALL HGETRKTAFG
IISTVKKPRP SEGDEDCLPA SKKAKCEG
```