

RPS7 cDNA

Catalog Number: ATGD0037

PRODUCT INFORMATION

Catalog number

ATGD0037

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001002.1

Alternative Names

DBA8, S7

mRNA Refseq

NM_001011.3

OMIM

603658

Chromosome location

2p25

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

585bp

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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RPS7 belongs to the S3P family of ribosomal proteins and is located in the cytoplasm. RPS7 may play a role in ribosomal stress, linking ribosome biogenesis to cell death or cell cycle arrest. Also, RPS7 interacts with MDM2 and is believed to negatively regulate the MDM2-mediated degradation of p53.

DATA

Sequence nucleotides

```
ATGTTTCAGTT CGAGCGCCAA GATCGTGAAG CCCAATGGCG AGAAGCCGGA CGAGTTCGAG TCCGGCATCT
CCCAGGCTCT TCTGGAGCTG GAGATGAACT CGGACCTCAA GGCTCAGCTC AGGGAGCTGA ATATTACGGC
AGCTAAGGAA ATTGAAGTTG GTGGTGGTTCG GAAAGCTATC ATAATCTTTG TTCCCCTTCC TCAACTGAAA
TCTTTCCAGA AAATCCAAGT CCGGCTAGTA CGCGAATTGG AGAAAAAGTT CAGTGGGAAG CATGTCGTCT
TTATCGCTCA GAGGAGAATT CTGCCTAAGC CAACTCGAAA AAGCCGTACA AAAAATAAGC AAAAGCGTCC
CAGGAGCCGT ACTCTGACAG CTGTGCACGA TGCCATCCTT GAGGACTTGG TCTTCCAAG CGAAATTGTG
GGCAAGAGAA TCCGCGTCAA ACTAGATGGC AGCCGGCTCA TAAAGGTTCA TTTGGACAAA GCACAGCAGA
ACAATGTGGA ACACAAGGTT GAAACTTTTT CTGGTGTCTA TAAGAAGCTC ACGGGCAAGG ATGTTAATTT
TGAATTCCA GAGTTTCAAT TGTA
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Transaction Sequence

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MFSSSAKIVK PNGEKPDEFE SGISQALLEL EMNSDLKAQL RELNITAAKE IEVGGGRKAI IIFVPVQLK SFQKIQVRLV
RELEKKFSGK HVVFIAQRRI LPKPTRKSRT KNKQKRPRSR TLTAVHDAIL EDLVFPSEIV GKRIKRVKLDG SRLIKVHLDK
AQQNNVEHKV ETFSGVYKKL TGKDVNFEFP EFQL
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