RPA3 cDNA

Catalog Number: ATGD0095

PRODUCT INFORMATION

Catalog number
ATGD0095

Product type
cDNA

Species
Human

NCBI Accession No.
NP_002938.1

Alternative Names
REPA3

mRNA Refseq
NM_002947.3

OMIM
179837

Chromosome location
7p22

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
366bp

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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Functions as component of the alternative replication protein A complex (aRPA). aRPA binds single-stranded DNA and probably plays a role in DNA repair; it does not support chromosomal DNA replication and cell cycle progression through S-phase. In vitro, aRPA cannot promote efficient priming by DNA polymerase alpha but supports DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange

DATA

Sequence nucleotides

ATGGTGGACA TGATGGACTT GCCCAGGTCG CGCATCAACG CCGGCATGCT AGCTCAATTC ATCGACAAGC CTGTCTGCTT CGTAGGGAGG CTGGAAAAGA TTCATCCCAC CGGAAAAATG TTTATTCTTT CAGATGGAGA AGGAAAAAAT GGAACCATCG AGTTGATGGA ACCCCTTGAT GAAGAAATCT CTGGAATTGT GGAAGTGGTT GGAAGAGTAA CCGCCAAGGC CACCATCTTG TGTACATCTT ATGTCCAGTT TAAAGAAGAT AGCCATCCTT TTGATCTTGG ACTTTACAAT GAAGCTGTGA AAATTATCCA TGACTTCCCT CAGTTTTATC CTTTAGGGAT TGTGCAACAT GATTGA

Transaction Sequence

MVDMMDLPRS RINAGMLAQF IDKPVCFVGR LEKIHPTGKM FILSDGEGKN GTIELMEPLD EEISGIVEVV GRVTAKATIL CTSYVQFKED SHPFDLGLYN EAVKIIHDFP QFYPLGIVQH D