POP4 cDNA

Catalog Number: ATGD0362

PRODUCT INFORMATION

Catalog number
ATGD0362

Product type
cDNA

Species
Human

NCBI Accession No.
NP_006618.1

Alternative Names
RPP29

mRNA Refseq
NM_006627.2

OMIM
606114

Chromosome location
19q12

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
663bp

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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POP4 is one of the protein subunits of the small nucleolar ribonucleoprotein complexes. It is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

ATGAAGAGTGTGATCTACCATGCATTGTCTCAGAAAGAGGCGAATGACTCCGATGTCCAGCCTTCAGGAGCACAGCGGGCC
GAGGCCTTCGTGAGGGCCTTCCTGAAGCGCAGCACGCCCCGCATGAGCCCGCAGGCCCGCGAGGACCAGCTGCAGCGCA
AGGCGGTGGTCCTGGAGTACTTCACCCGCCACAAGCGCAAGGAGAAGAAGAAGAAAGCCAAAGGCCTCTCTGCCAGGCAA
AGGAGGGAGCTGCGGCTCTTTGACATTAAACCAGAGCAGCAGAGATACAGCCTTTTCCTCCCTCTCCATGAACTCTGGAAAC
AGTACATCAGGGACCTGTGCAGTGGGCTCAAGCCAGACACGCAGCCACAGATGATTCAGGCCAAGCTCTTAAAGGCAGATC
TTCACGGGGCTATTATTTCAGTGACAAAATCCAAATGCCCCTCTTATGTGGGTATTACAGGAATCCTTCTACAGGAAACAAAG
CACATTTTCAAAATTATCACCAAAGAAGACCGCCTGAAAGTTATCCCCAAGCTAAACTGCGTGTTCACTGTGGAAACCGATG
GCTTTATTTCCTACATTTACGGGAGCAAATTCCAGCTTCGGTCAAGTGAACGGTCTGCGAAGAAGTTCAAAGCGAAGGGAAC
GATTGACCTGTGA

Transaction Sequence

MKSVIYHALS QKEANDSDVQ PSGAQRAEAF VRAFLKRSTP RMSPQAREDQ LQRKAVVLEY FTRHKRKEKK KKAKGLSARQ
RRELRLFDIK PEQQRYSLFL PLHELWKQYI RDLCSGLKPD TQPQMIQAKL LKADLHGAII SVTKSKCPSY VGITGILLQE
TKHIFKIITK EDRLKVIPKL NCVFTVETDG FISYIYGSKF QLRSSERSAK KFKAKGTIDL