

POLR2D cDNA

Catalog Number: ATGD0477

PRODUCT INFORMATION

Catalog number

ATGD0477

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004796.1

Alternative Names

HSRBP4, HSRPB4, RBP4, RPB16

mRNA Refseq

NM_004805.3

OMIM

606017

Chromosome location

2q21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

429bp

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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POLR2D encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from POLR2D.

DATA

Sequence nucleotides

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ATGGCGGCGGGTGGCAGCGATCCGCGGGCTGGCGACGTAGAGGAGGACGCCTCACAGCTCATCTTTCCTAAAGAGTTTGA
AACAGCTGAGACACTTCTAAATTCAGAAGTTCATATGCTTCTGGAACATCGAAAGCAGCAGAATGAGAGTGCAGAGGACGA
ACAGGAGCTCTCAGAAGTCTTCATGAAAACATTAACTACACAGCCCGTTTCAGTCGTTTCAAAAACAGAGAGACCATTGCC
AGTGTTTCGTAGCTTGCTACTCCAGAAAAAGCTTCATAAGTTTGAGTTGGCCTGTTTGGCCAACCTTTGCCAGAGACTGCTG
AGGAGTCCAAGGCTCTAATCCCAAGCTTGGAGGGACGGTTTGAAGATGAGGAGCTGCAGCAGATTCTTGATGATATCCAGA
CAAAGCGCAGCTTTCAGTATTAA
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Transaction Sequence

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MAAGGSDPRA GDVEEDASQL IFPKEFETAE TLLNSEVHML LEHRKQQNES AEDEQELSEVFMKTLNYTAR FSRFKNRETI
ASVRSLLLQK KLHKFELACL ANLCPETAEE SKALIPSLEGRFEDEELQOI LDDIQTKRSF QY
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