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## RPS19 cDNA

Catalog Number: ATGD0472

## **PRODUCT INFORMATION**

## Catalog number

ATGD0472

#### **Product type**

cDNA

## **Species**

Human

#### **NCBI Accession No.**

NP 001013.1

#### **Alternative Names**

DBA, DBA1, S19

#### mRNA Refseq

NM\_001022.3

#### **OMIM**

603474

#### **Chromosome location**

19q13.2

#### PRODUCT SPECIFICATION

#### **Formulation**

Lyophilized

## **Storage**

Store the plasmid at -20C.

## **cDNA Size**

438bp

## 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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RPS19 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S19E family of ribosomal proteins. It is located in the cytoplasm. Mutations in this gene cause Diamond-Blackfan anemia (DBA), a constitutional erythroblastopenia characterized by absent or decreased erythroid precursors, in a subset of patients.

## **DATA**

### Sequence nucleotides

### **Transaction Sequence**

MPGVTVKDVN QQEFVRALAA FLKKSGKLKV PEWVDTVKLA KHKELAPYDE NWFYTRAAST ARHLYLRGGA GVGSMTKIYG GRQRNGVMPS HFSRGSKSVA RRVLQALEGL KMVEKDQDGG RKLTPQGQRD LDRIAGQVAA ANKKH

