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# **RPS12 cDNA**

Catalog Number: ATGD0483

# **PRODUCT INFORMATION**

# Catalog number

ATGD0483

#### **Product type**

cDNA

# **Species**

Human

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

NP 001007.2

# **Alternative Names**

S12

#### mRNA Refseq

NM\_001016.3

#### **OMIM**

603660

#### **Chromosome location**

6q23.2

#### PRODUCT SPECIFICATION

#### **Formulation**

Lyophilized

# **Storage**

Store the plasmid at -20C.

# **cDNA Size**

399bp

# 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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RPS12 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

# **DATA**

#### Sequence nucleotides

#### **Transaction Sequence**

MAEEGIAAGG VMDVNTALQE VLKTALIHDG LARGIREAAK ALDKRQAHLC VLASNCDEPMYVKLVEALCA EHQINLIKVD DNKKLGEWVG LCKIDREGKP RKVVGCSCVV VKDYGKESQAKDVIEEYFKC KK

