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# **DPPA3 cDNA**

Catalog Number: ATGD0288

# **PRODUCT INFORMATION**

# Catalog number

ATGD0288

#### **Product type**

cDNA

# **Species**

Human

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

NP 954980.1

#### **Alternative Names**

Developmental pluripotency associated 3, DPPA3, STELLA

#### mRNA Refseq

NM\_199286.3

#### **OMIM**

608408

#### **Chromosome location**

12p13.31

#### PRODUCT SPECIFICATION

#### **Formulation**

Lyophilized

#### **Storage**

Store the plasmid at -20C.

# **cDNA** Size

480bp

# 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 Nde 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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DPPA3 encodes a protein that in mice may function as a maternal factor during the preimplantation stage of development. In mice, this gene may play a role in transcriptional repression, cell division, and maintenance of cell pluripotentiality. In humans, related intronless loci are located on chromosomes 14 and X.

#### **DATA**

### Sequence nucleotides

### **Transaction Sequence**

MDPSQFNPTY IPGSPQMLTE ENSRDDSGAS QISSETLIKN LSNLTINASS ESVSPLSEAL LRRESVGAAV LREIEDEWLY SRRGVRTLLS VOREKMARLR YMLLGGVRTH ERRPTNKEPK GVKKESRPFK CPCSFCVSNG WDPSENARIG NQDTKPLOP

