

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

```
ATGGACCCATCACAGTTTAATCCAACCTACATCCCAGGGTCTCCACAAATGCTCACCGAAGAAAATTCCCGGGACGATTCAG
GGGCCTCTCAAATCTCCTCCGAGACGTTGATAAAGAACCTTAGTAACTTGACTATCAACGCTAGTAGCGAATCTGTTTCCCT
CTATCGGAAGCTTTACTCCGTCGAGAGTCTGTAGGAGCAGCAGTCCTCAGGGAAATCGAAGATGAGTGGCTTTACAGCAGG
AGAGGAGTAAGAACATTGCTGTCTGTGCAGAGAGAAAAGATGGCAAGATTGAGATACATGTTACTCGGCGGAGTTCGTACG
CATGAAAGAAGACCAACAAACAAGGAGCCTAAGGGAGTTAAGAAGGAATCAAGACCATTCAAATGTCCCTGCAGTTTCTGC
GTGTCTAATGGATGGGATCCTTCTGAGAATGCTAGAATAGGGAATCAAGACACCAAGCCACTTCAGCCATAA
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Transaction Sequence

```
MDPSQFNPTY IPGSPQMLTE ENSRDDSGAS QISSETLIKN LSNLTINASS ESVSPLSEAL LRRESVGAAV LREIEDEWLY
SRRGVRTLIS VQREKMARLR YMLLGGVVRTH ERRPTNKEPK GVKKESRPFK CPCSFCVSNG WDPSENARIG NQDTKPLQP
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