

## **GOLGA7 cDNA**

Catalog Number: ATGD0444

### **PRODUCT INFORMATION**

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**Catalog number**

ATGD0444

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001002296.1

**Alternative Names**

GCP16, GOLGA3AP1, GOLGA7A, HSPC041

**mRNA Refseq**

NM\_001002296.1

**OMIM**

609453

**Chromosome location**

8p11.21

### **PRODUCT SPECIFICATION**

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

414bp

**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**

## **GOLGA7 cDNA**

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GOLGA7 may be involved in protein transport from Golgi to cell surface. The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.

### **DATA**

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#### **Sequence nucleotides**

```
ATGAGGCCGCAGCAGGCCGCGGTGTCCGGAAAGGTGTTTCATTCAGCGAGACTACAGCAGTGGCACACGCTGCCAGTTCCA  
GACCAAGTTCCTGCGGAGCTGGAGAACCGGATTGATAGGCAGCAGTTTGAAGAAACAGTTCGAACTCTAAATAACCTTTAT  
GCAGAAGCAGAGAAGCTCGGCGGCCAGTCATATCTCGAAGGTTGTTTGGCTTGTTTAACAGCATATAACCATCTTCCTATGCA  
TGAAAACCTATTATGAGAAGGTTCTGAAGAAAGTCTCAAATACATTCAAGAGCAGAATGAGAAGATCTATGCTCCACAAGG  
CCTCCTCCTGACAGACCCTATTGAGCGAGGACTGCGAGTTATTGAAATTACCATTTATGAAGACAGAGGCATGAGCAGTGG  
AAGATAA
```

#### **Transaction Sequence**

```
MRPQQAPVSG KVFIQRDYSS GTRCQFQTKF PAELENRIDR QQFEETVRTL NNLYAEAEKLGGSYLEGCL ACLTAYTIFL  
CMETHYEKVL KKVSKYIQEQ NEKIYAPQGL LLTDPIERGLRVIEITIED RGMSSGR
```