

GOLGA7 cDNA

Catalog Number: ATGD0444

PRODUCT INFORMATION

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

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

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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

Sequence nucleotides

ATGAGGCCG CAGCAGGCGCCGGTGTCCGGAAGGTGTTCAATTCAGCGAGACTACAGCAGTGGCACACGCTGCCAGTTCCA
GACCAAGTTCCCTGCGGAGCTGGAGAACCGGATTGATAGGCAGCAGTTTGAAGAAACAGTTCGAACTCTAAATAACCTTTAT
GCAGAAGCAGAGAAGCTCGGCGGCCAGTCATATCTCGAAGGTTGTTTGGCTTGTTTAACAGCATATACCATCTTCCTATGCA
TGGAAGACTCATTATGAGAAGGTTCTGAAGAAAGTCTCCAAATACATTCAAGAGCAGAATGAGAAGATCTATGCTCCACAAGG
CCTCCTCCTGACAGACCCTATTGAGCGAGGACTGCGAGTTATTGAAATTACCATTATGAAGACAGAGGCATGAGCAGTGG
AAGATAA

Transaction Sequence

MRPQQAPVSG KVFQIRDYSS GTRCQFQTKF PAELENRIDR QQFEETVRTL NNLYAEAEKLGGQSYLEGCL ACLTAYTIFL
CMETHYEKVL KKVSKYIQEQ NEKIYAPQGL LLTDPIERGLRVIEITIYED RGMSSGR