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# Recombinant human GOLGA7 protein

Catalog Number: ATGP2073

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-137aa

#### UniProt No.

07Z5G4

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

NP 001002296

#### **Alternative Names**

Golgin subfamily A member 7 isoform a, Golgin subfamily A member 7 isoform a, GCP16, GOLGA3AP1, GOLGA7A, HSPC041

#### **PRODUCT SPECIFICATION**

# **Molecular Weight**

18 kDa (160aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

## **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

## **Description**

GOLGA7 belongs to the ERF4 family. This protein may be involved in protein transport from Golgi to cell surface. The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS. GOLGA7 is palmitoylated on Cys-69 and Cys-72; which is required for Golgi localization and interaction with GOLGA3. Recombinant human GOLGA7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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### **Amino acid Sequence**

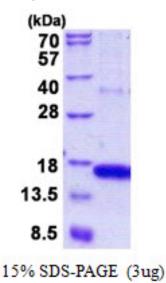
MGSSHHHHHH SSGLVPRGSH MGSMRPQQAP VSGKVFIQRD YSSGTRCQFQ TKFPAELENR IDRQQFEETV RTLNNLYAEA EKLGGQSYLE GCLACLTAYT IFLCMETHYE KVLKKVSKYI QEQNEKIYAP QGLLLTDPIE RGLRVIEITI YEDRGMSSGR

#### **General References**

Ohta E, Misumi Y, et al. (2003). J. Biol. Chem. 278:51957-51967.

# **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

