

**GOLGA7, 1-137aa, Human His tag, E.coli**

**Cat.NO.: TP02301**

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3th Edition

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

**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.

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

**Molecular Weight:** 18 kDa (160aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMRPQQAPVSGKVFQIRDYSSGTRCQFQTKFPAELENRIDRQQFEETVRTLN  
NLYAEAEKLGGSYLEGCLACTAYTIFLCMETHYEKVLKVKVSKYIQEQNEKIYAPQGLLLDPIERGLRVIEITIYEDR  
GMSSGR

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.