

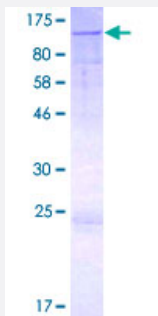
Full-Length

GOLGA1 (Human) Recombinant Protein (P01)

Catalog # H00002800-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GOLGA1 full-length ORF (AAH32853.1, 1 a.a. - 767 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFAKLKKKIAEETAVAQRPGGATRIPRSVSKESVASMGADSGDDFASDGSSSREDLSSQLLRN
EQIRKLEARLSDYAEQVRNLQKIKEKLEIALEKHQDSSMRKFQEQNETFQANRAKMAEGLALALA
RKDQEWSEKMDQLEKEKNILTAQLQEMKNQSMNLFQRRDEMDELEGFQQQELSKIHKMLLKE
ESLGKMEQELEARTRELSRTQEELMNSNQMSDLSQKLEELQRHYSTLEEQRDHVIASKTGAES
KITALEQKEQELQALIQQLSIDLQKVTAETQEKEDVITHLQEKVASLEKRLEQNLSGEEHVQELLKE
KTAEQNLEDTRQQLAARSSQAKAINTLETRVRELEQTLQASEEQQLQSKGVAAQETQIQELAA
ANQESSHVQQQALALEQQFLERTQALEAQVALERMRRAADQTAEQGMRLQEQENAALKECRN
EYERSLQNHQFELKKLKEEWSQREMSVAMAQALEEVRKQREEFQQQAANLTAIDEKEQNLREK
TEVLLQKEQEILQLERGHNSALLQIHQLQAELEALRTLKAEAAVVAEQEDLLRLRGPLQAEALSV
NESHVTSRAMQDPVFQLPTAGRTPNGEVGAMDLTQLQKEKQDLEQQLEKNKTIKMQQRMLE
LRKTLQKELKIRPDNELFEVREKPGPEMANMAPSVTNNTDLTDAREINFEYLVKHFVLMKFMSCRES
EAFHLIKAVSVLLNFSQEEENMLKETLEYKMSWFGSKPAPKGSIRPSISNPRIWWS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

114.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GOLGA1

Entrez GeneID	2800
GeneBank Accession#	BC032853.1
Protein Accession#	AAH32853.1
Gene Name	GOLGA1
Gene Alias	MGC33154, golgin-97
Gene Description	golgi autoantigen, golgin subfamily a, 1
Omim ID	602502
Gene Ontology	Hyperlink
Gene Summary	The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. The golgins are a family of proteins, of which the protein encoded by this gene is a member, that are localized to the Golgi. This encoded protein is associated with Sjogren's syndrome. [provided by RefSeq]
Other Designations	OTTHUMP00000022117 OTTHUMP00000064209 gap junction protein, alpha 4, 37kD golgin 97

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tobacco Use Disorder](#)