

Recombinant Human GOLGA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GOLGA3-1018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GOLGA3 MS Standard C13 and N15-labeled recombinant protein (NP_005886) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. This gene encodes a member of the golgin family of proteins which are localized to the Golgi. Its encoded protein has been postulated to play a role in nuclear transport and Golgi apparatus localization. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
Molecular Mass	167.2 kDa
AA Sequence	MDGASAEQDGLQEDRSHSGPSSLPEAPLKPPGPLVPPDQQDKVQCAEVNRSTEG ESPDGPGQGGLCQNGPTPPFPDPPSSLDPTTSPVGPDASPGVAGFHDNLRKSQGT SAEGSVRKEALQSLRLSLPMQETQLCSTDSPLPLEKEEQVRLQARKWLEEQLKQYR VKRQQRSSQPATKTRLFSTLDPELMLNPENLPRASTLAMTKEYSFLRTSVPRGPK VGSLGLPAHPREKKTSKSSKIRSLADYRTEDSNAGNSGGNVPAPDSTKGLKQNR

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SAASVSEISLSPDTDDRLENTSLAGDSVSEVDGNDSDSSSYSSASTRGTYGILSKT
 VGTQDTPYMVNGQEIPADTLGQFPSIKDVLQAAAAEHQDQGQEVNGEVRSRDSIC
 SSVSLESSAAETQEEMLQVLKEKMRLEGQLEALSLEASQALKEKAELQAQLAALSTK
 LQAQVECSHSSQQRQDLSSEVDTLKQSCWDLERAMTDLQNMLEAKNASLASSNN
 DLQVAEEQYQRLMAKVEDMQRSMLSKDNTVHDLRQQMTALQSQLQQVQLERTTLT
 SKLKASQAEISSLQSVRQWYQQQLALAQEARVRLQGEMAHIQVGQMTQAGLLEHL
 KLENVLSQQLTETQHRSMEKEKGRIAAQLQGIADMLDQEA AFM QIQEAKTMVEED
 LQRRLEEFEGERERLQRMADSAASLEQQLEQVKLTLLQRDQQLQALQQEHLDMK
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 TGLGQSNAALREHNSILETALAKREADLVQLNLQVQAVLQRKEEEDRQMKHLVQAL
 QASLEKEKEKVNSLKEQVAAAKVEAGHNRRHFKAASLELSEVKKELQAKEHLVQKL
 QAEADDLQIREGKHSQEIAQFQAE LAEARAQLQLLQKQLDEQLSKQPVGNQEMENL
 KWEVDQKEREIQLKQQLDLTEQQGRKELEGLQQLLQNVKSELEMAQEDLSMTQK
 DKFMLQAKVSELKNNMKTLLQQNQQLKLDLRRGA AKTRKEPKGEASSNPATPIKIP
 DCPVPASLLEELLRPPPAVSKEPLKLNLSCLQQLKQEMDSLQRQMEEHALTVHESL
 SSWTPLEPATASPVPPGGHAGPRGDPQRHSQSRASKEGPGETRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [GOLGA3 golgin A3 \[Homo sapiens \(human\) \]](#)

Official Symbol [GOLGA3](#)

Synonyms GOLGA3; golgin A3; golgi autoantigen, golgin subfamily a, 3; Golgin subfamily A member 3; GCP170; Golgi complex associated protein of 170 kD; golgin 160; MEA 2; SY2/SY10 protein; golgin-160; golgin-165; male enhanced antigen-2; Golgi membrane associated protein; Golgi peripheral membrane protein; golgi complex-associated protein of 170 kDa; MEA-2;

Gene ID [2802](#)

mRNA Refseq [NM_005895](#)

Protein Refseq [NP_005886](#)

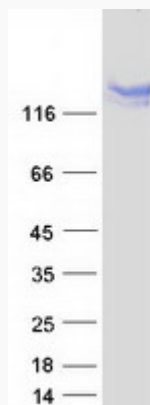
MIM [602581](#)

UniProt ID [Q08378](#)

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SDS-PAGE

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