

Recombinant Human GOLGA6A Protein, GST-tagged

Cat. No. GOLGA6A-5109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GOLGA6A full-length ORF (AAI56410.1, 1 a.a. - 693 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. The protein encoded by this gene is a member of the golgin family of proteins, whose members localize to the Golgi. This gene is found in a large, low copy repeat sequence or duplicon that is found in multiple copies, that are greater than 90% similar, on chromosome 15. Duplicons are associated with deletions, inversions and other chromosome rearrangements that underlie genomic disease. The protein encoded by this gene is thought to be a functional golgin protein while the majority of the related copies of this gene are thought to be transcribed pseudogenes. [provided by RefSeq]
Molecular Mass	76.3 kDa
AA Sequence	MWPQPYLPPHPMMLLEESRQNKLA AAKKKLKEYQQRKSPGIPAGAKTKKKKTDSSP ETTTSGGCHSPGDSQYQELAVALESSSVTISQLNENIESLKQKKQVEHQLEEA KKT

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NNEIHKAQMERLETINILTLEKADLKTLYHTKRAARHFEEESKDLAGRLQYSLQRIQE
 LERALCAVSTQQQEEDRSSSCREAVLQRWLQQTIKERALLNAHVTVTESLKQVQL
 ERDEYAKHIKGERARWQERMWKMSVEARTLKEEKKRDIHRIQEELERSLSELKNQMA
 EPPSLAPPAVTSVVEQLQDEAKHLRQEVEGLEGLKLSQVENNQALSLLSKEQKQRL
 QEQEEMLRQEQAQRVREQERLCEQNERLREQQKTLQEQGERLRKQEQLRKQEE
 RLRKEEERLQKQEKRLWDQEERLWKKEERLQKQEERLALSQNHKLDKQLAEPQCS
 FEDLNNEKKSALQLEQQVKELQEKLDEEHLEAASHQNQQLETQLSLVALPGEQDGG
 QHLDSEEEEEAPRPTPNIPEDLESREATSSFMDLPKEKADGTEQVERRELGFVQPSG
 VTDGMRESFTVYESQGAVPNTRHQEMEDVIRLAQKEEEMKVKLLELQELVLPLVGN
 HEGHGKFLIAAQNPADPTPGAPAPQELGAAGEQDVFEVSLDNNVEPAPGAARE
 GSPHDNPTVQQIVQLSPVMQDT

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GOLGA6A golgin A6 family member A [Homo sapiens (human)]

Official Symbol

GOLGA6A

Synonyms

GOLGA6A; golgin A6 family member A; GLP; GOLGA6; golgin subfamily A member 6A; Golgin linked to PML; golgi autoantigen, golgin subfamily a, 6; golgi autoantigen,

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golgin subfamily a, 6A; golgi autoantigen, golgin subfamily a, member 6; golgin-like protein

Gene ID 342096

mRNA Refseq NM_001038640

Protein Refseq NP_001033729

MIM 610288

UniProt ID Q9NYA3

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