

Recombinant Full Length Human GOLGA6A Protein, GST-tagged

Cat. No. GOLGA6A-5436HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GOLGA6A full-length ORF (AA156410.1, 1 a.a. - 693 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	693 amino acids
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

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AA Sequence

MWPQPYLPHPMMLLEESRQNKLA AAKKKLKEYQQRKSPGIPAGAKTKKKKTDSSP
 ETTTSGGCHSPGDSQYQELAVALESSSVTISQLNENIESLKQQKKQVEHQLEEA KKT
 NNEIHKAQMERLETINILTLEKADLKTTL YHTKRAARHFEEESKDLAGRLQYSLQRIQE
 LERALCAVSTQQQEEDRSSSCREAVLQRWLQQTIKERALLNAHVTVTESLKQVQL
 ERDEYAKHIKGERARWQERMWKMSVEARTLKEEKKRDIHRIQE LERSLSELKNQMA
 EPPSLAPPAVTSVVEQLQDEAKHLRQEVEGLEGLQSQVENNQALSLLSKEQKQRL
 QEQEEMLRQEQAQRVREQERLCEQNERLREQQKTLQEQGERLRKQEQLRKQEE
 RLRKEEERLQKQEKRLWDQEERLWKKEERLQKQEERLALSQNHKLDKQLAEPQCS
 FEDLNNEKKSALQLEQQVKELQEKLDEEHLEAASHQNQQLETQLSLVALPGE GGG
 QHLDSEEEEEAPRPTPNIPEDLESREATSSFMDLPKEKADGTEQVERRELGFVQPSG
 VTDGMRESFTVYESQGAVPNTRHQEMEDVIRLAQKEEEMKVKLLELQELVLPLVGN
 HEGHGKFLIAAQNPAD EPTPGAPAPQELGAAGEQDV FYEVSLDNNVEPAPGAARE
 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

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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, 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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