Recombinant Full Length Human GOLGA5 Protein, GST-tagged

Cat. No. GOLGA5-5435HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GOLGA5 full-length ORF (NP_005104.2, 1 a.a. - 731 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	731 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. This gene encodes a member of the golgin family of proteins, whose members localize to the Golgi. This protein is a coiled-coil membrane protein that has been postulated to play a role in vesicle tethering and docking. Translocations involving this gene and the ret proto-oncogene have been found in tumor tissues; the chimeric sequences have been designated RET-II and PTC5. [provided by RefSeq
Molecular Mass	109.4 kDa
AA Sequence	MSWFVDLAGKAEDLLNRVDQGAATALSRKDNASNIYSKNTDYTELHQQNTDLIYQT GPKSTYISSAADNIRNQKATILAGTANVKVGSRTPVEASHPVENASVPRPSSHFVRR KKSEPDDELLFDFLNSSQKEPTGRVEIRKEKGKTPVFQSSQTSSVSSVNPSVTTIKTI

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	EENSFGSQTHEAASNSDSSHEGQEESSKENVSSNAACPDHTPTPNDDGKSHELSN LRLENQLLRNEVQSLNQEMASLLQRSKETQEELNKARARVEKWNADHSKSDRMTR GLRAQVDDLTEAVAAKDSQLAVLKVRLQEADQLLSTRTEALEALQSEKSRIMQDQSE GNSLQNQALQTFQERLHEADATLKREQESYKQMQSEFAARLNKVEMERQNLAEAIT LAERKYSDEKKRVDELQQQVKLYKLNLESSKQELIDYKQKATRILQSKEKLINSLKEG SGFEGLDSSTASSMELEELRHEKEMQREEIQKLMGQIHQLRSELQDMEAQQVNEAE SAREQLQDLHDQIAGQKASKQELETELERLKQEFHYIEEDLYRTKNTLQSRIKDRDE EIQKLRNQLTNKTLSNSSQSELENRLHQLTETLIQKQTMLESLSTEKNSLVFQLERLE QQMNSASGSSSNGSSINMSGIDNGEGTRLRNVPVLFNDTETNLAGMYGKVRKAAS SIDQFSIRLGIFLRRYPIARVFVIIYMALLHLWVMIVLLTYTPEMHHDQPYGK
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	GOLGA5 golgin A5 [Homo sapiens]
Official Symbol	GOLGA5
Synonyms	GOLGA5; golgin A5; golgi autoantigen, golgin subfamily a, 5; Golgin subfamily A member 5; golgi integral membrane protein 5; golgin 84; GOLIM5; ret II; rfg5; golgin-84; RET-fused gene 5 protein; cell proliferation-inducing gene 31 protein; RFG5; ret-

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	II;
Gene ID	9950
mRNA Refseq	NM_005113
Protein Refseq	NP_005104
MIM	606918
UniProt ID	Q8TBA6

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