

Recombinant Full Length Human GOLGA2 Protein, GST-tagged

Cat. No. GOLGA2-5421HF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Human GOLGA2 full-length ORF (AAH06381.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 345 amino acids |
| Description | <p>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 has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined. [provided by RefSeq</p> |
| Molecular Mass | 63.58 kDa |
| AA Sequence | <p>MQNDRTTISRALSQNRELKEQLAELQSGFVKLTNENMEITSALQSEQHVKRELGKKL GELQEKLSELKETVELKSQEAQSLQQQRDQYLGHLLQQYVAAAYQQLTSEKEVLHNQL LLQTQLVDQLQQQEAQGKAVAEMARQELQETQERLEAATQQNQQLRAQLSLMAHP</p> |

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GEGDGLDREEEEEDEEEEEEEAVAVPQPMPSSIPEDLESREAMVAFFNSAVASAEEEQA
 RLRGQLKEQSVRCRRLAHLASAQKEPEAAAPAPGTGGDSVCGETHRALQGAMEK
 LQSRFMELMQEKADLKERPGRVLPVTTPLHSRSCSCFVRCRTPGSAQAWAATPAF
 LFFTGLTRMMR

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| 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

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| Gene Name | GOLGA2 golgin A2 [Homo sapiens] |
| Official Symbol | GOLGA2 |
| Synonyms | GOLGA2; golgin A2; golgi autoantigen, golgin subfamily a, 2; Golgin subfamily A member 2; GM130; Golgi matrix protein GM130; golgin 95; SY11 protein; golgin-95; GM130 autoantigen; 130 kDa cis-Golgi matrix protein; MGC20672; |
| Gene ID | 2801 |
| mRNA Refseq | NM_004486 |
| Protein Refseq | NP_004477 |

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| MIM | 602580 |
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| UniProt ID | Q08379 |
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