

# Recombinant Full Length Human GOLPH3 Protein, GST-tagged

**Cat. No.** GOLPH3-5449HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Human GOLPH3 full-length ORF ( NP_071413.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 298 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking. 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] |
| <b>Molecular Mass</b>   | 60.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>MTSLTQRSSGLVQRRTEASRNAADKERAAGGGAGSSEDDAQSRRDEQDDDDKGD</p> <p>SKETRLTLMEEVLLLGLKDREGYTSFWNDICSSGLRGCMLELALRGRLQLEACGMR</p> <p>RKSLLTRKVICKSDAPTGDVLLDEALKHVKETQPPETVQNWIELLSGETWNPLKLHY</p> <p>QLRNVRERLAKNLVEKGVLTTEKQNFLLFDMTTHPLTNNNIKQRLIKKVQEAVLDKW</p> <p>VNDPHRMDRRLLALIYLAHASDVLENAPLLDEQYDLATKRVRQLLDLDPEVECLK</p> <p>ANTNEVLWAVVAFTK</p>                                                                                            |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | GOLPH3 golgi phosphoprotein 3 (coat-protein) [ Homo sapiens ]                                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | GOLPH3                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | GOLPH3; golgi phosphoprotein 3 (coat-protein); Golgi phosphoprotein 3; coat protein; golgi peripheral membrane protein 1; 34 kDa; golgi protein; golgi associated protein; GOPP1; GPP34; MIDAS; coat-protein; coat protein GPP34; golgi-associated protein; mitochondrial DNA absence factor; golgi peripheral membrane protein 1, 34 kDa; FLJ90675; |
| <b>Gene ID</b>          | 64083                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_022130                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_071413                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 612207                                                                                                                                                                                                                                                                                                                                               |

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UniProt ID

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