

## Recombinant Human GOLM1, GST-tagged

Cat. No. GOLM1-13387H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GOLM1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	36-400a.a.
<b>Description</b>	<p>This gene encodes a protein that plays a critical role in cell cycle regulation. The encoded protein inhibits DNA replication by binding to DNA replication factor Cdt1, preventing the incorporation of minichromosome maintenance proteins into the pre-replication complex. The encoded protein is expressed during the S and G2 phases of the cell cycle and is degraded by the anaphase-promoting complex during the metaphase-anaphase transition. Increased expression of this gene may play a role in several malignancies including colon, rectal and breast cancer. Alternatively spliced transcript variants have been observed for this gene, and two pseudogenes of this gene are located on the short arm of chromosome 16.</p>
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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**GENE INFORMATION****Gene Name** [GOLM1 golgi membrane protein 1 \[ Homo sapiens \]](#)**Official Symbol** [GOLM1](#)**Synonyms** [GOLM1](#); [golgi membrane protein 1](#); [C9orf155](#), chromosome 9 open reading frame 155 , [golgi phosphoprotein 2](#) , [GOLPH2](#); [Golgi membrane protein 1](#); [bA379P1.3](#); [FLJ23608](#); [GP73](#); [golgi protein, 73-kD](#); [golgi phosphoprotein 2](#); [golgi membrane protein GP73](#); [GOLPH2](#); [C9orf155](#); [PSEC0257](#); [FLJ22634](#);**Gene ID** [51280](#)**mRNA Refseq** [NM\\_016548](#)**Protein Refseq** [NP\\_057632](#)**MIM** [606804](#)**UniProt ID** [Q8NBJ4](#)**Chromosome Location** [9q21.33](#) Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA