# Recombinant Human GOLM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GOLM1-4735H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | GOLM1 MS Standard C13 and N15-labeled recombinant protein (NP_808800) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | 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 type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for this gene. |
| **Molecular Mass** | 45.2 kDa |
| **AA Sequence** | MGLGNGRRSMKSPPLVLAALVACIIVLGFNYWIASSRSVDLQTRIMELEGRVRRAAA<br>ERGAVELKKNEFQGELEKQREQLDKIQSSHNFQLESVNKLYQDEKAVLVNNITTGER<br>LIRVLQDQLKTLQRNYGRLQQDVLQFQKNQTNLERKFSYDLSQCINQMKEVKEQCE<br>ERIEEVTKKGNEAVASRDLSENNDQRQQLQALSEPQPRLQAAGLPHTEVPQGKGN<br>VLGNSKSQTPAPSSEVVLDSKRQVEKEETNEIQVVNEEPQRDRLPQEPGREQVVED<br>RPVGGRGFGGAGELGQTPQVQAALSVSQENPEMEGPERDQLVIPDGQEEEQEAA |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| | GEGRNQQKLRGEDDYNMDENEAESETDKQAALAGNDRNIDVFNVEDQKRDTINLL DQREKRNHTLTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 50 µg/mL as determined by BCA |
| **Storage Buffer** | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

## GENE INFORMATION

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| **Gene Name** | GOLM1 golgi membrane protein 1 [ Homo sapiens (human) ] |
| **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_177937 |
| **Protein Refseq** | NP_808800 |

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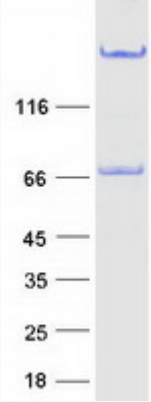
| **MIM** | 606804 |
| **UniProt ID** | Q8NBJ4 |
| **SDS-PAGE** |  |

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