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

Cat. No. GOLM1-3916H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GOLM1 MS Standard C13 and N15-labeled recombinant protein (NP_057632) 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	MMGLGNGRRSMKSPPLVLAALVACIIVLGFNYWIASSRSVDLQTRIMELEGRVRRAA AERGAVELKKNEFQGELEKQREQLDKIQSSHNFQLESVNKLYQDEKAVLVNNITTGE RLIRVLQDQLKTLQRNYGRLQQDVLQFQKNQTNLERKFSYDLSQCINQMKEVKEQC EERIEEVTKKGNEAVASRDLSENNDQRQQLQALSEPQPRLQAAGLPHTEVPQGKG NVLGNSKSQTPAPSSEVVLDSKRQVEKEETNEIQVVNEEPQRDRLPQEPGREQVVE DRPVGGRGFGGAGELGQTPQVQAALSVSQENPEMEGPERDQLVIPDGQEEEQEA

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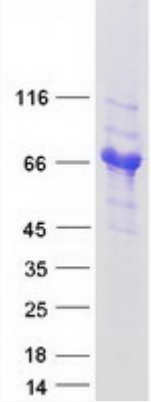
	AGEGRNQQKLRGEDDYNMDENEAESETDKQAALAGNDRNIDVFNVEDQKRDTINL LDQREKRNHTLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid 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

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_016548
Protein Refseq	NP_057632

MIM	606804
UniProt ID	Q8NBJ4
SDS-PAGE	

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