

Recombinant Full Length Human GOLM1 Protein, C-Flag-tagged

Cat. No. GOLM1-1292HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GOLM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.2 kDa
AA Sequence	MMGLGNGRRSMKSPPLVLAALVACIIVLGFNYWIASSRSVDLQTRIMELEGRVRRAA AERGAVELKKNEF QGELEKQREQLDKIQSSHNFQLESVNKLYQDEKAVLVNNITTG ERLIRVLQDQLKTLQRNYGRLQQDVLQ FQKNQTNLERKFSYDLSQCINQMKEVKEQ CEERIEEVTKKGNEAVASRDLSNNDQRQQQLQALSEPQPRL QAAGLPHTVEVPQGK GNVLGNSKSKQTPAPSSEVVLDSCRQVEKEETNEIQVVNEEPQRDRLPQEPGREQV

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V EDRPVGGRGFGGAGELGQTPQVQAALSVSQENPEMEGPERDQLVIPDGQEEEQ
EAAGEGRNQQLRGEDD
YNMDENEAESETDKQAALAGNDRNIDVFNVEDQKRDTINLLDQREKRNHTLTRTRP
LEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

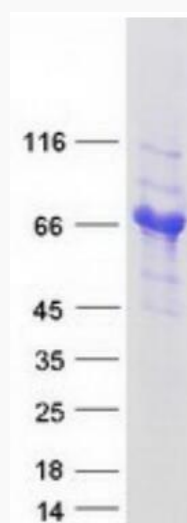
Gene Name	GOLM1 golgi membrane protein 1 [Homo sapiens (human)]
Official Symbol	GOLM1
Synonyms	GP73; HEL46; GOLPH2; C9orf155; PSEC0257; bA379P1.3
Gene ID	51280

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mRNA Refseq	NM_016548.4
Protein Refseq	NP_057632.2
MIM	606804
UniProt ID	Q8NBJ4



Coomassie blue staining of purified GOLM1 protein.