

## GOLM1 Protein, Human (His)

<b>Cat. No.:</b>	HY-P72209
<b>Synonyms:</b>	bA379P1.3; C9orf155; Chromosome 9 open reading frame 155; Golgi membrane protein 1; Golgi membrane protein GP73; Golgi phosphoprotein 2; Golgi protein 73 kD ; Golgi protein 73kD ; GOLM 1; GOLM1; GOLM1_HUMAN; GOLPH 2; GOLPH2; GP 73; GP73; PSEC0257
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Accession:</b>	Q8NBJ4 (S36-L401)
<b>Gene ID:</b>	51280
<b>Molecular Weight:</b>	Approximately 45.6 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> S S R S V D L Q T R   I M E L E G R V R R   A A A E R G A V E L   K K N E F Q G E L E K Q R E Q L D K I Q   S S H N F Q L E S V   N K L Y Q D E K A V   L V N N I T T G E R L I R V L Q D Q L K   T L Q R N Y G R L Q   Q D V L Q F Q K N Q   T N L E R K F S Y D L S Q C I N Q M K E   V K E Q C E E R I E   E V T K K G N E A V   A S R D L S E N N D Q R Q Q L Q A L S E   P Q P R L Q A A G L   P H T E V P Q G K G   N V L G N S K S Q T P A P S S E V V L D   S K R Q V E K E E T   N E I Q V V N E E P   Q R D R L P Q E P G R E Q V V E D R P V   G G R G F G G A G E   L G Q T P Q V Q A A   L S V S Q E N P E M E G P E R D Q L V I   P D G Q E E E Q E A   A G E G R N Q Q K L   R G E D D Y N M D E N E A E S E T D K Q   A A L A G N D R N I   D V F N V E D Q K R   D T I N L L D Q R E K R N H T L           </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm solution of Tris-based buffer, 50% Glycerol.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	GOLM1, while not fully understood, emerges as a cellular response protein to viral infections. Its precise role in this context remains elusive, reflecting the complexity of its functions in cellular processes. Notably, GOLM1 engages in interactions with DYM, hinting at potential associations with pathways related to cellular dynamics or host-virus interactions. The intricate
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nature of GOLM1's involvement in viral responses underscores the need for further investigation to unravel its specific contributions and implications in the cellular defense mechanisms against viral infections.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA