

GOLM1 Protein, Human (HEK293, His)

Cat. No.:	HY-P70879
Synonyms:	Golgi Membrane Protein 1; Golgi Membrane Protein GP73; Golgi Phosphoprotein 2; GOLM1; C9orf155; GOLPH2
Species:	Human
Source:	HEK293
Accession:	Q8NBJ4 (S36-L401)
Gene ID:	51280
Molecular Weight:	Approximately 66.0 kDa

PROPERTIES

AA Sequence	<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>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	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
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DYM, hinting at potential associations with pathways related to cellular dynamics or host-virus interactions. The intricate 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.

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

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