
Product Data Sheet

Product Name: GOLM1 Human
 Cat. No.: GP23584
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Golgi Membrane Protein 1; Chromosome 9 Open Reading Frame 155; Epididymis Luminal Protein 46; Golgi Membrane Protein GP73; Golgi Phosphoprotein 2; GOLPH2; Golgi Protein 73-KD; PSEC0257; bA379P1.3; HEL46; C9orf155; GP73.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSRSVDL QTRIMELEGR VRRAAAERGA VELKKNEFQG ELEKQREQLD KIQSSHNFQL ESVNKLYQDE KAVLVNNTT GERLIRVLQD QLKTLQRNYG RLQQDVLQFQ KNQTNLERKF SYDLSQCINQ MKEVKEQCEE RIEEVTKKGN EAVASRDSE NNDQRQQLQA LSEPQPRLQA AGLPHTVEVPQ GKGNVLGNSK SQTPAPSSEV VLDSKRQVEK EETNEIQVVN EEPQRDRLPQ EPGREQVVED RPVGGRGFGG AGELGQTPQV QAALSVSQEN PEMEGPERDQ LVIPDGQEEE QEAAGEGRNQ QKLRGEDDYN MDENEAASET DKQAALAGND RNIDVFNVED QKRDTINLLD QREKRNHTL		
Formulation	GOLM1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

Introduction

GOLM1 is a type II Golgi transmembrane protein. GOLM1 processes protein synthesized in the rough endoplasmic reticulum and aids in transporting protein cargo through the Golgi apparatus. The expression of this encoded protein was shown to be upregulated in response to viral infection. Additionally, since GOLM1 is highly regulated in cells, it can be used as a molecular biomarker for cancer.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1%

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

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HSA or BSA). Please avoid freeze thaw cycles.

Background

GOLM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 389 amino acids (36-401 a.a) and having a molecular mass of 44.0kDa.

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