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Datasheet for ABIN7535713
GOLM1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	GOLM1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOLM1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GOLPH2/GOLM1 Protein
Sequence:	SSRSVDLQTR IMELEGRRVRR AAAERGAVEL KKNEFQGELE KQREQLDKIQ SSHNFQLESV NKLYQDEKAV LVNNITTGER LIRVLQDQLK TLQRNYGRLQ QDVLQFQKNQ TNLERKFQSYD LSQCINQMKE VKEQCEERIE EVTKKGNEAV ASRDLSNND QRQLQALSE PQRQLQAAGL PHTEVPQGKG NVLGNSSKST PAPSSEVLD SKRQVEKEET NEIQVVNEEP QRDRLPQEPG REQVVEDRPV GGRGFGGAGE LGQTPQVQAA LSVSQENPEM EGPERDQLVI PDGQEEEEQEA AGEGRNQQKL RGEDDYNMDE NEAETSDKQ AALAGNDRNI DVFNVEDQKR DTINLLDQRE KRNHTL
Specificity:	Ser36-Leu401
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

Target Details

Target:	GOLM1
Alternative Name:	GOLPH2/GOLM1 (GOLM1 Products)
Background:	<p>Description: Golgi membrane protein 1, also known as Golgi membrane protein GP73, Golgi phosphoprotein 2, and GOLM1, is a protein that belongs to the GOLM1 / CASC4 family. GOLM1 is widely expressed. It is highly expressed in the colon, prostate, trachea, and stomach. It is expressed at a lower level in testis, muscle, lymphoid tissues, white blood cells, and spleen. It is predominantly expressed by cells of the epithelial lineage. GOLM1 is expressed at a low level in the normal liver. Expression significantly increases in virus (HBV, HCV) infected liver. Expression of GOLM1 does not increase in liver disease due to non-viral causes (alcohol-induced liver disease, autoimmune hepatitis). Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant-cell hepatitis (GCH), GOLM1 is strongly expressed in hepatocyte-derived syncytial giant cells. GOLM1 is constitutively expressed by biliary epithelial cells but not by hepatocytes.</p> <p>Name: C9orf155, GOLPH2, GP73, HEL46, PSEC0257, bA379P1.3, GOLM1, GOLPH2, GP73, HEL46, PSEC0257, bA379P1.3</p>

Gene ID: 51280

UniProt: [Q8NBJ4-1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C, -80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
