

Product Details

Summary

Product name	Recombinant Human GP73 protein, N- His Tag
description	A DNA sequence encoding the human GOLM1 (Val40~Leu401) was fused with the N-terminal His Tag
Expression system	E.coli
Species	Homo sapiens (Human)
Accession #	Q8NBJ4
Alternative names	C9orf155, GOLPH2, Golgi membrane protein GP73, Golgi phosphoprotein 2
Actual Molecular Mass	60kDa
Purity	>90% by SDS-PAGE
Endotoxin level	Please contact with the lab for this information.
Formulation	Supplied as solution form in PBS, pH7.5/ Supplied as lyophilized from PBS, pH7.5
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	Please refer to the instruction in the hard copy of COA.
Application	Calibrator or standard in ELISA, WB, IHC and other possible application

Background

Golgi membrane protein 1, also known as Golgi membrane protein GP73, Golgi phosphoprotein 2 and GOLM1, is a protein which belongs to the GOLM1 / CASC4 family. GOLM1 is widely expressed. It is highly expressed in colon, prostate, trachea and stomach. It is expressed at 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 low level in 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.

Note



For research use only.

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