Recombinant Human GOLPH2/GOLM1 Protein

Catalog No.: RP01505

Sequence Information

Species
Human

Gene ID
51280

Swiss Prot
Q8NBJ4-1

Tags
C-His

Synonyms
C9orf155, GOLPH2, GP73, HEL46, PSEC0257, bA379P1.3,GOLM1, GOLPH2,GP73,HEL46,PSEC0257, bA379P1.3

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
42.42 kDa

Observed MW
70-80 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

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

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

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.

Basic Information

Description
Recombinant Human GOLPH2/GOLM1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser36-Leu401) of human GOLPH2/GOLM1 (Accession #NP_057632.2) fused with a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

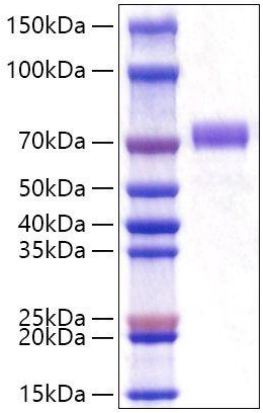
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human GOLPH2/GOLM1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.