Recombinant Human GOLPH2/GOLM1 Protein (aa 40-401, His Tag)

Catalog Number: PKSH030746

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

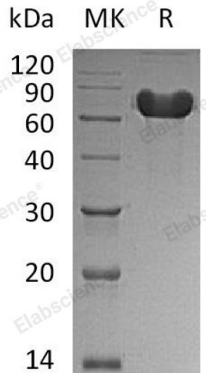
Description

Species	Human
Source	HEK293 Cells-derived Human GOLPH2/GOLM1 protein Val 40-Leu 401, with an C-terminal His
Calculated MW	42.7 kDa
Accession	Q8NBJ4-1
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Golgi membrane protein 1; also known as Golgi membrane protein GP73; Golgi phosphoprotein 2 and GOLM1; is a protein which belongs to theGOLM1 / 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 syncitial giant cells. GOLM1 is constitutively expressed by biliary epithelial cells but not by hepatocytes.

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