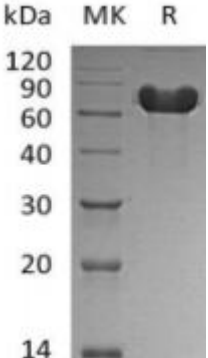


Recombinant Human GOLM1

Catalog#:P01583 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Golgi Membrane Protein 1 is produced by our Mammalian expression system and the target gene encoding Ser36- Leu401 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: Q8NBJ4</p> <p>Known as: Golgi Membrane Protein 1; Golgi Membrane Protein GP73; Golgi Phosphoprotein 2; GOLM1; C9orf155; GOLPH2</p>
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100$\mu\text{g}/\text{ml}$.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:42.6kDa AP Mol Mass:66kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>Golgi Membrane Protein 1 (GOLM1) belongs to the GOLM1/CASC4 family, GOLM1 is a single-pass type II membrane protein and can be found in many tissues . GOLM1 is overexpressed in prostate cancer and lung adenocarcinoma tissue. GOLM1 can be up-regulated in response to viral infection. GOLM1 is induced by the E1A adenoviral protein. GOLM1 plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum.</p>
<p>SDS-PAGE</p>  <p>kDa MK R</p> <p>120</p> <p>90</p> <p>60</p> <p>40</p> <p>30</p> <p>20</p> <p>14</p>	