

# Recombinant Human GOLPH2/GOLM1 Protein (aa 36-401, His Tag)



Catalog Number:PKSH033312

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

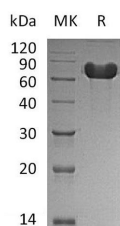
## Description

<b>Synonyms</b>	Golgi Membrane Protein 1;Golgi Membrane Protein GP73;Golgi Phosphoprotein 2;GOLM1;C9orf155;GOLPH2
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ser36-Leu401
<b>Accession</b>	Q8NBJ4
<b>Calculated Molecular Weight</b>	42.6 kDa
<b>Observed molecular weight</b>	66 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

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.

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