

## Product datasheet for **TP721040L**

### **GOLPH2 (GOLM1) (NM\_177937) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human golgi membrane protein 1 (GOLM1), transcript variant 2
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Ser35-Leu400
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	42.6 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_808800</a>
<b>Locus ID:</b>	51280
<b>UniProt ID:</b>	<a href="#">Q8NBJ4</a> , <a href="#">B3KNK9</a>
<b>RefSeq Size:</b>	3092
<b>Cytogenetics:</b>	9q21.33
<b>RefSeq ORF:</b>	1200
<b>Synonyms:</b>	bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257



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**Summary:**

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq, Sep 2009]

**Protein Families:**

Transmembrane