



## GOLPH3 peptide (DAG-P1649)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Detected in muscle fibers of patients with mitochondrial diseases; not detected in normal muscle fibers.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the GOLPH3/VPS74 family.
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">GOLPH3 golgi phosphoprotein 3 (coat-protein) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GOLPH3
<b>Synonyms</b>	GOLPH3; golgi phosphoprotein 3 (coat-protein); GOPP1; GPP34; MIDAS; Golgi phosphoprotein 3; coat-protein; golgi protein; coat protein GPP34; golgi-associated protein; mitochondrial DNA absence factor; golgi peripheral membrane protein 1, 34 kDa;
<b>Entrez Gene ID</b>	<a href="#">64083</a>

<b>mRNA Refseq</b>	<a href="#">NM_022130.3</a>
<b>Protein Refseq</b>	<a href="#">NP_071413.1</a>
<b>UniProt ID</b>	Q9H4A6
<b>Chromosome Location</b>	5p13.3
<b>Pathway</b>	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
<b>Function</b>	enzyme binding; phosphatidylinositol-4-phosphate binding; protein binding;