Recombinant Human GOLPH3

Cat. No. GOLPH3-26785TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GOLPH3 with proprietary tag; Predicted MWt 58.85 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	298 amino acids
Description	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.
Molecular Weight	58.850kDa inclusive of tags
Tissue specificity	Detected in muscle fibers of patients with mitochondrial diseases; not detected in normal muscle fibers.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MTSLTQRSSGLVQRRTEASRNAADKERAAGGGAGSSEDDAQSRRDEQDDDDKGD SKETRLTLMEEVLLLGLKDREGYTSFWNDCISSGLRGCMLIELALRGRLQLEACGMR RKSLLTRKVICKSDAPTGDVLLDEALKHVKETQPPETVQNWIELLSGETWNPLKLHY QLRNVRERLAKNLVEKGVLTTEKQNFLLFDMTTHPLTNNNIKQRLIKKVQEAVLDKW VNDPHRMDRRLLALIYLAHASDVLENAFAPLLDEQYDLATKRVRQLLDLDPEVECLK ANTNEVLWAVVAAFTK
Sequence Similarities	Belongs to the GOLPH3/VPS74 family.

GENE INFORMATION

Gene Name	GOLPH3 golgi phosphoprotein 3 (coat-protein) [Homo sapiens]
Official Symbol	GOLPH3
Synonyms	GOLPH3; golgi phosphoprotein 3 (coat-protein); Golgi phosphoprotein 3; coat protein; golgi peripheral membrane protein 1; 34 kDa; golgi protein; golgi associated protein; GOPP1; GPP34; MIDAS;
Gene ID	64083
mRNA Refseq	NM_022130
Protein Refseq	NP_071413
MIM	612207

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Uniprot ID	Q9H4A6
Chromosome Location	5p13.2
Pathway	Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem; lysine fermentation to acetate and butyrate, organism-specific biosystem; superpathway of lysine degradation, organism-specific biosystem;
Function	protein binding;

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