

Recombinant Mouse Golph3 Protein, Myc/DDK-tagged

Cat. No. Golph3-3270M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length golgi phosphoprotein 3 (Golp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphatidylinositol-4-phosphate-binding protein that links Golgi membranes to the cytoskeleton and may participate in the tensile force required for vesicle budding from the Golgi. Thereby, may play a role in Golgi membrane trafficking and could indirectly give its flattened shape to the Golgi apparatus. May also bind to the coatamer to regulate Golgi membrane trafficking. May play a role in anterograde transport from the Golgi to the plasma membrane and regulate secretion. Has also been involved in the control of the localization of Golgi enzymes through interaction with their cytoplasmic part. May play an indirect role in cell migration. Has also been involved in the modulation of mTOR signaling. May also be involved in the regulation of mitochondrial lipids biosynthesis.
Molecular Mass	33.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Golph3 golgi phosphoprotein 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Golph3
Synonyms	GOLPH3; golgi phosphoprotein 3; Golgi phosphoprotein 3; coat protein GPP34; AW413496; 4733401N08Rik; 5730410D03Rik
Gene ID	66629
mRNA Refseq	NM_025673
Protein Refseq	NP_079949
UniProt ID	Q9CRA5

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