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Datasheet for ABIN7554034

GOLPH3 Protein (AA 1-298) (His tag)

Overview

Quantity:	1 mg
Target:	GOLPH3
Protein Characteristics:	AA 1-298
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOLPH3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GOLPH3 Protein expressed in mammalian cells.
Sequence:	MTSLTQRSSG LVQRRTEASR NAADKERAAG GGAGSSEDDA QSRRDEQDDD DKGDSKETRL TLMEEVLLLG LKDREGYTSF WNDCISSGLR GCMLIELALR GRLQLEACGM RRKSLLTRKV ICKSDAPTGD VLLDEALKHV KETQPPETVQ NWIELLSGET WNPLKLHYQL RNVRRERLAKN LVEKGVLTTE KQNFLFDMT THPLTNNNIK QRLIKKVQEA VLDKWVNDPH RMDRRLALI YLAHASDVLE NAFAPLLDEQ YDLATKRVRQ LLDLDPEVEC LKANTNEVLW AVVAAFTK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	GOLPH3
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Alternative Name:	GOLPH3 (GOLPH3 Products)
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Background:	<p>Golgi phosphoprotein 3 (Coat protein GPP34) (Mitochondrial DNA absence factor) (MIDAS),FUNCTION: 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 coatomer 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.</p> <p>{ECO:0000269 PubMed:16263763, ECO:0000269 PubMed:19553991, ECO:0000269 PubMed:19837035, ECO:0000269 PubMed:22745132, ECO:0000269 PubMed:23027862, ECO:0000269 PubMed:23345592, ECO:0000269 PubMed:23500462}.</p>
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Target Details

Molecular Weight: 33.8 kDa

UniProt: [Q9H4A6](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months