

Datasheet for ABIN7560389
GDPD3 Protein (AA 1-330) (His tag)



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Overview

Quantity:	1 mg
Target:	GDPD3
Protein Characteristics:	AA 1-330
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDPD3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Gdpd3 Protein expressed in mammalien cells.
Sequence:	<p>MIPLLYFVLP TLGSYVMSLI FFLRRPHLLH TPRAPVFPIR LAAHRGGSGE RLENTMEAVE</p> <p>NSMAQRADLL EFDCQLTRDG VVVVSHDKNL SRQSGLNKDV NTLDFEELPL YKEELEIYFS</p> <p>PGHFAHGSDR HMISLEDVFQ KFPRTPMCLE VKERNEELIH KVANLTRRFD RNEITIWAAE</p> <p>KSSVMKRCRA ANPEMPMAFT IWRSFWILL YYLGLLPFVS IPEKFFFCFL PTIINRTYFP</p> <p>FRCGWMNQLS ATITKWIIMR KSLIRHLQDR GVQVLFWCLN EESDFEVAFS LGANGVMTDY</p> <p>PTALRHYLDK QEEETQPPQP EALSCLSLKK 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.</p>
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	GDPD3
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Alternative Name:	Gdpd3 (GDPD3 Products)
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Background:	<p>Lysophospholipase D GDPD3 (EC 3.1.4.-) (Glycerophosphodiester phosphodiesterase 7) (Glycerophosphodiester phosphodiesterase domain-containing protein 3),FUNCTION: Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines (PubMed:25528375, PubMed:27637550). Shows a preference for 1-O-alkyl-sn-glycero-3-phosphocholine (lyso-PAF), lysophosphatidylcholine (lyso-PC) and N-acyl ethanolamine lysophospholipids (PubMed:25528375). Does not display glycerophosphodiester phosphodiesterase activity, since it cannot hydrolyze either glycerophosphoinositol or glycerophosphocholine (PubMed:25528375). {ECO:0000269 PubMed:25528375, ECO:0000269 PubMed:27637550}.</p>
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Molecular Weight:	38.5 kDa
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UniProt:	Q99LY2
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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