

Datasheet for ABIN7562612
PLIN4 Protein (AA 1-1403) (His tag)



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Overview

Quantity:	1 mg
Target:	PLIN4
Protein Characteristics:	AA 1-1403
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLIN4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plin4 Protein expressed in mammalian cells.
Sequence:	MSASGDGTRV PPKSKGKTLS SFFGSLPGFS SARNLVSHTH SSTSTKDLQT ATDPSGTPAP SSKVSTNSQM AGDAAGLLQP SEQTAGDKDM GSFSVTSSD AFSGVFGIMD AAKGMVQGGL GATQSALVGT KEAVSGGVMG AVGVAKGLVK GGLDTSKNVL TNTKDTVTTG VMGAANMAKG TVQTGLDTTK SVVMGKDTV ATGLAGAVNV AKGTIQGGLD TTKSVVMGK DTVTTGLTGA VNVAKGVVQG GLDTTKSVVM GTKDTVTTGL TGAMNVAKGT AQMGIDTSKT VLTGKDTVCA AGATGAINVA KGAAQGGLD TKSVLIGTKD TVTTGLTGAV NVAKGAVQGG LDTTKSVVMG TKDTVTTGLT GAMNVAKGT QMGLGTSKTV LTGKDTVCA GLTGAINVAK GAAQGGLDTT KSVLMGKDT VTTGLTGAVN VAKGTIQGGL DTTKSVVMG KDTVTTGLT AVNVAKGTIQ GGLDTTKSVV MGKDTVTTG LTGAVNVAKG AAQGGLDTTK SVVMGKDTV TTGLTGAMNV AKGTAQMGLG TSKTVLTGTK DTVCAGLTGA INVAKGAAQG GLDTTKSVLM GTKDTVTTGL TGAVNVAKGT IQGGLDTTKSVVMGKDTV TGLTGAVNVA KGAVQGGLD TKSVMGKDTK TVTTGLTGAL NVAKGTAQMG IDTSKTVLIG TKDTVCA GAINMAKGAA QGGLDTTKSV

LMGTKDVTVT GLTGAINVAK GSAQGGLDTT KSVLIGTKDT VTTGLTGALN VAKGTVQTGL
DTSQRVLTGT KDNVYAGVTG AVNVAKGTIQ GGLDTTKSVV MGTKDVTVTG LTGAVNVAKG
AVQGGLDTTK SVVMGKDTV TTGLTGAMNV AKGTAQMID TSKTVLTGTK DTVCAGLTGA
INVAKGATQG GLDTTKSVLM GTKDVTVTGL TGAINVAKGA AQGGLDTTKS VLLGKDTV
TGLTGAANVA KETVQMGLDT SKNILMDTKD SICAGATGAI TVVKGAAQGG LDTSNAALTG
TMDTAKGTVQ TSLDTSKHML IGMKDTV CAG VTSAMNMAKG IHKNTDTRD TQSSVLAHSG
NVATNAIHTG VHTVPSSLG SHSICHEPS IYRATNHG VG QAILTSTESL CCETSSFSK
YGLGHVTEPR ADTKTLVSGM ASSACAATRS VEECGQLAAT GFAALPDELK GLGDIFQPM
TEEQAQLAVS ESGPRVLSAD RGSYYIRLGD LAPSFRQRAF EHALSHIQHN QFQARAALQ
LQEAQMTDM TMEAACGKLC SDQSLNTMVE AVGSHEMRAS VAQDRLCTLA HQLHAAAYSSL
VTSLQGLPEV QQAGQARHS LCKLYGLVSS EAGSELQTEQ LAQSSAGVVE AWQGLEVELLE
KLQNPPLSW LVGPFTSMPC GQL **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:

- 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)

Grade: custom-made

Target Details

Target:	PLIN4
Alternative Name:	Plin4 (PLIN4 Products)
Background:	Perilipin-4 (Adipocyte protein S3-12),FUNCTION: May play a role in triacylglycerol packaging into adipocytes. May function as a coat protein involved in the biogenesis of lipid droplets. {ECO:0000269 PubMed:12840023, ECO:0000269 PubMed:15731108}.
Molecular Weight:	139.4 kDa
UniProt:	O88492

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