

Datasheet for ABIN7554432
LPIN3 Protein (AA 1-851) (His tag)



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Overview

Quantity:	1 mg
Target:	LPIN3
Protein Characteristics:	AA 1-851
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LPIN3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LPIN3 Protein expressed in mammalian cells.
Sequence:	<p>MNYVGQLAET VFGTVKELYR GLNPATLSGG IDVLVVKQVD GSFRCSPFHV RFGKLGVLRS REKVVDIELN GEPVDLHMKL GDSGEAFFVQ ELESDDHVP PGLCTSPIPW GGLSGFSPDS QLGTASEPEG LVMAGTASTG RRRRRRRRKP KQKEDAVATD SSPEELEAGA ESELSPEKL RPEPPGVQLE EKSSLQPKDI YPYS DGEWPP QASLSAGELT SPKSDSELEV RTPEPSPLRA ESHMQWAWGR LPKVARAERP ESSVLEGRA GATSPPRGGP STPSTSVAGG VDPLGLPIQQ TEAGADLQPD TEDPTLVGPP LHTPETEESK TQSSGDMGLP PASKSWSWAT LEVPVPTGQP ERVSRGKGGSP KRSQHLGPSD IYLLDPLSLD SENAALYFPQ SDSGLGARRW SEPSSQKSLR DPNPEHEPEP TLDTVDTIAL SLCGGLADSR DISLEKFNQH SVSYQDLTKN PGLLDDPNLV VKINGKHYNW AVAAPMILSL QAFQKNLPKS TMDKLEREKM PRKGGRRWWFS WRRRDFLAEE RSAQKEKTAA KEQQGEKTEV LSSDDDAPDS PVILEIPSLP PSTPPSTPTY KKSRLRSSDQ IRRLNLQEGA NDVVFVSTTQ YQGTCRCKAT IYLWKWDDKV VISDIDGTIT KSDALGHILP QLGKDWTHQG ITSLYHKIQL NGYKFLYCSA RAIGMADLTK GYLQWVSEGG CSLPKGPILL</p>

Product Details

SPSSLFSALH REVIEKKPEV FKVACLSDIQ QLFLPHGQPF YAAFNGNRPND VFAYRQVGLP
ESRIFTVNPR GELIQELIKN HKSTYERLGE VVELLFPPVA RGPSTDLANP EYSNFCYWRE
PLPAVDLDTL D **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: LPIN3

Alternative Name: LPIN3 (LPIN3 Products)

Background: Phosphatidate phosphatase LPIN3 (EC 3.1.3.4) (Lipin-3) (Lipin-3-like),FUNCTION: Magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis therefore regulates fatty acid metabolism. {ECO:0000250|UniProtKB:Q99PI4}.

Target Details

Molecular Weight: 93.6 kDa

UniProt: [Q9BQK8](#)

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