

Datasheet for ABIN7560147
ABHD3 Protein (AA 1-411) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | ABHD3 |
| Protein Characteristics: | AA 1-411 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ABHD3 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat Abhd3 Protein expressed in mammalien cells. |
| Sequence: | <p>MQRLAMDLRV LSRELALYLE HQVRVGFSGS GVGLSLILGF SVAYACYYSLS SIAKKPQLVI GGESFSRFLQ DHCPVVTETY YPTVWCWESR GQTLRLPFIT SKPPVQYRNE LIKTADGGQI SLDWFDNNS AYYVDASTRP TILLPLGLTG TSKEYILHM IHLSEELGYR CVVFNNRGVA GESLLTPRTY CCANTEDLEA VVHHVHSLYP GAPFLAAGVS MGGMLLLNYL GKIGSKTPLM AAATFSVGWN TFACESLER PLNWLLFNYY LTTCLQSSVK KHRHMFVEQI DMDQVMKAKS IREFDKRFTA VMFGYRTLDD YYTDASPNRR LKSVGIPVLC LNATDDVFSP SHAPIETAK QNPVALVLT AYGGHIGFLE GIWPRQCTYM DRVFKQFVQA MVEHGHELSEN M 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.

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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
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| Grade: | custom-made |
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Target Details

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| Target: | ABHD3 |
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| Alternative Name: | Abhd3 (ABHD3 Products) |
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| Background: | Phospholipase ABHD3 (EC 3.1.1.32) (EC 3.1.1.4) (Abhydrolase domain-containing protein 3) (Lung alpha/beta hydrolase 3) (MmLABH3),FUNCTION: Phospholipase that may play a role in phospholipids remodeling. May selectively cleave myristate (C14)-containing phosphatidylcholines through its predominant phospholipase 1 activity, cleaving preferentially acyl groups in sn1 position. In parallel, may have a minor phospholipase 2 activity acting on acyl groups in position sn2. In addition to (C14)-containing phosphatidylcholines, may also act on other medium-chain-containing and oxidatively truncated phospholipids. {ECO:0000269 PubMed:21926997}. |
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| Molecular Weight: | 46.2 kDa |
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| UniProt: | Q91ZH7 |
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Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies |
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Application Details

as well. 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
