

Datasheet for ABIN7558918  
**LDAH/C2orf43 Protein (AA 1-326) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LDAH/C2orf43 (LDAH)
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LDAH/C2orf43 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ldah Protein expressed in mammalian cells.
Sequence:	MASEVEEQIP VREEFFLCGG VETKIIKCGP WTNLF EKQDV SKPKQLIFII PGNPGYSAFY VPFAKALYTL MKSRFPVWII SHAGFSVTPK DKKVLAAPQE ESNAQKIEDV YGLNGQIEHK IAFLRAHVPK DVKLILIGHS VGTYMTLHVM KRVLELPVAH AFLLFPTIER MSESPNGKFA TPFLCQFRYL LYATSYLLFK PCPEVIKFSI IQKLMGQMNI KLELPLTDIL QPFCLANAAY LGSQEMVQIV KRDDDIIEF LPKLFYGYK TDGWCPVKYY EDMKKDFPEG NIYLCEKGIP HAFVLDIFSQE MATIVAEWIN NRPPRK <b>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.</b>
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

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	LDAH/C2orf43 (LDAH)
Alternative Name:	Ldah ( <a href="#">LDAH Products</a> )
Background:	Lipid droplet-associated hydrolase (EC 3.1.1.-) (Lipid droplet-associated serine hydrolase) (mLDAH),FUNCTION: Probable serine lipid hydrolase associated with lipid droplets (PubMed:24357060). Appears to lack cholesterol esterase activity (PubMed:24357060, PubMed:27836991). Appears to lack triglyceride lipase activity (PubMed:23525007, PubMed:24357060, PubMed:27836991). Highly expressed in macrophage-rich areas in atherosclerotic lesions, suggesting that it could promote cholesterol ester turnover in macrophages (PubMed:24357060). {ECO:0000269 PubMed:23525007, ECO:0000269 PubMed:24357060, ECO:0000269 PubMed:27836991}.

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Molecular Weight:	37.4 kDa
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UniProt:	<a href="#">Q8BVA5</a>
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## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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