

Datasheet for ABIN7549685  
**AMDHD2 Protein (AA 1-409) (His tag)**



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## Overview

Quantity:	1 mg
Target:	AMDHD2
Protein Characteristics:	AA 1-409
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMDHD2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat AMDHD2 Protein expressed in mammalien cells.
Sequence:	MRGEQGAAGA RVLQFTNCRI LRGGKLLRED LWVRGGRILD PEKLFFEERR VADERRDCGG RILAPGFIDV QINGGFGVDF SQATEDVGSG VALVARRILS HGVTSFCPTL VTSPPEVYHK VVPQIPVKSG GPHGAGVLGL HLEGPFISRE KRGAHPEAHL RSFEADAFQD LLATYGPLDN VRIVTLAPEL GRSHEVIRAL TARGICVSLG HSVADLRAAE DAVWSGATFI THLFNAMLPF HHRDPGIVGL LTSDRLPAGR CIFYGMIADG THTNPAALRI AHRAHPQLV LVTDAIPALG LGNGRHTLGQ QEVEVDGLTA YVAGTKTLSG SIAPMDVCVR HFLQATGCSM ESALEAASLH PAQLLGLEKS KGTLDGADA DFVVLDDSLH VQATYISGEL VWQADAARQ <b>Sequence without tag.</b> <b>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>

Characteristics:	Key Benefits:
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## 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	AMDHD2
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Alternative Name:	AMDHD2 ( <a href="#">AMDHD2 Products</a> )
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Background:	N-acetylglucosamine-6-phosphate deacetylase (GlcNAc 6-P deacetylase) (EC 3.5.1.25) (Amidohydrolase domain-containing protein 2),FUNCTION: Hydrolyzes the N-glycolyl group from N-glycolylglucosamine 6-phosphate (GlcNGc-6-P) in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded. {ECO:0000269 PubMed:22692205}.
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Molecular Weight:	43.7 kDa
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UniProt:	<a href="#">Q9Y303</a>
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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 as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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## Application Details

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Restrictions: For Research Use only

## Handling

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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