

Datasheet for ABIN7551832  
**AASDH Protein (AA 1-1098) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	AASDH
Protein Characteristics:	AA 1-1098
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AASDH protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat AASDH Protein expressed in mammalian cells.
Sequence:	MTLQELVHKA ASCYMDRVAV CFDECNNQLP VYYTYKTVVN AASELSNFLL LHCDFQGIRE IGLYCQPGID LPSWILGILQ VPAAYVPIEP DSPPSLSTHF MKKCNLKYIL VEKKQINKFK SFHETLLNYD TFTVEHNDLV LFRLHWKNT E VNLMLNDGKE KYEKEKIKSI SSEHVNEEKA EEHMDLRLKH CLAYVLHTSG TTGIPKIVRV PHKCIVPNIQ HFRVLFITQ EDVLFASPL TFDPSVVEIF LALSSGASLL IVPTSVKLLP SKLASVLFVSH HRVTVLQATP TLLRRFGSQL IKSTVLSATT SLRVLALGGE AFPSLTVLRS WRGEGNKTQI FNVYGITEVS SWATIYRIPE KTLNSTLKCE LPVQLGFPLL GTVVEVRDTN GFTIQEGSGQ VFLGGRNRVC FLDDEVTVPL GTMRATGDFV TVKDGEIFFL GRKDSQIKRH GKRLNIELVQ QVAEELQVE SCAVTWYNQE KLILFMVSKD ASVKEYIFKE LQKYLPSHAV PDELVLIDSL PFTSHGKIDV SELNKIYLN INLKSENKLS GKEDLWEKLQ YLWKSTLNLP EDLLRVPDES LFLNSGGDSL KSIRLLSEIE KLVGTSVPGL LEIILSSSIL EIYNHILQTV VPDEDVTFRK SCATKRKLSL INQEEASGTS

## Product Details

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LHQKAIMTFT CHNEINAFV LSRGSQILSL NSTRFLTKLG HCSSACPSDS VSQTNIQNLK  
GLNSPVLIGK SKDPSCVAKV SEEGKPAIGT QKMELHVRWR SDTGKCVSDAS PLVVIPTFDK  
SSTTVYIGSH SHRMKAVDFY SGKVKWEQIL GDRIESSACV SKCGNFIVVG CYNGLVYVLK  
SNSGEKYWMF TTEDAVKSSA TMDPTTGLIY IGSHDQHAYA LDIYRKKCVW KSKCGGTVFS  
SPCLNLIPHH LYFATLGGLL LAVNPATGNV IWKHSCGKPL FSSPQCCSQY ICIGCVDGNL  
LCFTHFGEQV WQFSTSGPIF SSPCTSPSEQ KIFFGSHDCF IYCCNMKGHL QWKFETTSRV  
YATPFAFHNY NGSNEMLLAA ASTDGKVVIL ESQSGQLQSV YELPGEVFSS PVVLESMLII  
GCRDNYVYCL DLLGGNQK **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.**

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### 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.

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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:

AASDH

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### Alternative Name:

AASDH ([AASDH Products](#))

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### Background:

Beta-alanine-activating enzyme (EC 6.2.1.-) (Acyl-CoA synthetase family member 4) (Protein NRPS998),FUNCTION: Covalently binds beta-alanine in an ATP-dependent manner to form a thioester bond with its phosphopantetheine group and transfers it to an, as yet, unknown

## Target Details

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acceptor. May be required for a post-translational protein modification or for post-transcriptional modification of an RNA. {ECO:0000250|UniProtKB:Q80WC9}.

Molecular Weight: 122.6 kDa

UniProt: [Q4L235](#)

## 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.

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