

Datasheet for ABIN7557442  
**MDH1B Protein (AA 1-500) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MDH1B
Protein Characteristics:	AA 1-500
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDH1B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Mdh1b Protein expressed in mammalien cells.
Sequence:	MAKFVIAGKA NCPYYAKAEL LADYLQKNLP DFRIFKITQH PDKWEDWVED VCERNMWDHR TSPIIWRELL DRGGRGLLLG GYNEFLEHAQ LYYGVTSNMT TELMMVIAKE NMQTHTEQQL DKETMKDLIS PLQVVIASAG TYVCCHLIPL LLSGEVFGMH TEISLTLFDQ EQREDCLRSI VMETQDLASP VLRTVSFCTT VKEAFLQAQV IIILDDSTEE EVYSLESCLR SRVPLCRLYG YLIEKNAHKS VKVIVGGKNF VNLKTTLLMQ YAPNIASNII AVALGVEGQA KAVLARKMKT TSANIKDVII WGNITGNMYV DLRKAKVYNY ESAVKGPPGH YHSVLSLIFD REWITKEFVQ TLKILSSTGK QFGGILAAHS IATTLKYWYH GSPPGEIVSL GVMSEGQFDI PEGIVFSMPV KFENGTWVVL TDLEDISLSE KTL SRLTGDL IQEKL VACGD LLTFQPI EED PKDN EPSNTG MNEEKEQPGS DDSDEKNE DQ <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>

## Product Details

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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

## Target Details

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### Target:

MDH1B

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### Alternative Name:

Mdh1b ([MDH1B Products](#))

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### Background:

Putative malate dehydrogenase 1B (EC 1.1.1.-)

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### Molecular Weight:

56.3 kDa

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### UniProt:

[Q5F204](#)

## 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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### Restrictions:

For Research Use only

## 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