

## Product datasheet

# Recombinant chicken MDH1 protein ab73435

### Overview

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<b>Product name</b>	Recombinant chicken MDH1 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Species</b>	Chicken
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### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab73435** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Biological activity</b>	Specific Activity is greater than 710U/mg protein. Unit Definition: One unit is defined as 1 $\mu\text{mol}$ of $\text{NAD}^+$ production per minute under the assay conditions (25°C, pH 7.5).
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<b>Applications</b>	SDS-PAGE
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<b>Purity</b>	> 95 % SDS-PAGE. ab73435 was purified by proprietary chromatographic techniques. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE.
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<b>Form</b>	Lyophilised
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### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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Preservative: None

Constituents: 0.59mg Sodium phosphate

This product is an active protein and may elicit a biological response in vivo, handle with caution.

<b>Reconstitution</b>	Reconstitute in sterile 18M $\Omega$ cm H <sub>2</sub> O.
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## General Info

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<b>Sequence similarities</b>	Belongs to the LDH/MDH superfamily. MDH type 2 family.
<b>Post-translational modifications</b>	ISGylated.
<b>Cellular localization</b>	Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

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