



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### LDHA (Human) Recombinant Protein (P01)

**Catalog Number:** H00003939-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LDHA full-length ORF ( NP\_005557.1, 1 a.a. - 332 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MATLKDQLIYNLLKEEQTPQNKITVVGVGAVGMACAISI  
LMKDLADELALVDVIEDKLGEMMDLQHGSLFLRTPKI  
VSGKDYNVTANSKLVITAGARQQEGESRLNLVQRNV  
NIFKFIIPNVVKYSPNCKLLIVSNPVDILTYVAWKISGFPK  
NRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWVLG  
EHGDSSVPVWSGMNVAGVSLKTLHPDLGTDKDKEQ  
WKEVHKQVVESAYEVIKLGKGYTSWAIGLSVADLAESIM  
KNLRRVHPVSTMIKGLYGIKDDVFLSVPICILGQNGISDL  
VKVTLTSEEEARLKKADTLWGIQKELQF

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 63.1

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3939

**Gene Symbol:** LDHA

**Gene Alias:** LDH-M, LDH1, PIG19

**Gene Summary:** The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq]