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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MDH2 (Human) Recombinant Protein (P01)

Catalog Number: H00004191-P01

Regulation Status: For research use only (RUO)

Product Description: Human MDH2 full-length ORF (NP_005909.2, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLSALARPASAALRRSFSTSAQNNAKVAVLGASGGIG
QPLSLLLKNSPLVSRLLTYDIAHTPGVAADLSHIETKAA
VKGYLGPQLPDCLKGCDVVIPAGVPRKPGMTRDDL
FNTNATIVATLTAACAQHCPEAMICVIANPVNSTIPITAE
VFKKHGVYNPKNIFGVTTLDIVRANTFVAELKGLDPA
RVNVPVIGGHAGKTIIPISQCTPKVDFPQDQLTALTGRI
QEAGTEVVKAKAGAGSATLSMAYAGARFVFLVDAM
NGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKNLG
IGKVSSFEEKMISDAIPELKASIKKGEDFVKTLK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.9

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: 4191

Gene Symbol: MDH2

Gene Alias: M-MDH, MDH, MGC:3559, MOR1

Gene Summary: Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. The protein encoded by this gene is localized to the mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. [provided by RefSeq]