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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MTDH (Human) Recombinant Protein (P01)

Catalog Number: H00092140-P01

Regulation Status: For research use only (RUO)

Product Description: Human MTDH full-length ORF (NP_848927.1, 1 a.a. - 582 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAARSWQDELAQQAEEGSARLREMLSVGLGFLRTEL
GLDLGLEPKRYPGWVILVGTGALGLLLLFLLYGWAAA
CAGSRKKRRSPPRKREEAAVPAAPDDLALLKNLRS
EEQKKKNRKKLSEKPKPNGRTVEVAEGEAVRTPQSVT
AKQPPEIDKKNEKSKKNKKKSKSDAKAVQNSSRHDGK
EVDEGAWETKISHREKRQQRKRDKVLTDGSLDSTIP
GIENTITVTTEQLTTASFPVGSKKNKGDSHLNVQVSNF
KSGKGDSTLQVSSGLNENLTVNGGGWNEKSVKLSQI
SAGEEKWNSVSPASAGKRKAEPSAWSQDTGDANTN
GKDWGRSWSDRSIFSGIGSTAEPVSQSTTSDYQWDV
SRNQPYIDDEWSGLNGLSSADPNSDWNAPAEWGN
WVDEERASLLKSQEPIPDDQKVSDDDKEKGEALPTG
KSKKKKKKKKQGEDNSTAQDTEELEKEIREDLPVNT
SKTRPKQEKAFLKTIKISTDPAEVLVKNSQPIKTLPPAT
STEPVILSKSDSKSSQVPPILQETDKSKSNTKQNS
VPPSQTKSETSWESPKIKKKKKARRET

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 90.2

Interspecies Antigen Sequence: Mouse (91); Rat (90)

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: 92140

Gene Symbol: MTDH

Gene Alias: 3D3, AEG-1, AEG1, LYRIC

References:

1. Pharmacological disruption of the MTDH-SND1 complex enhances tumor antigen presentation and synergizes with anti-PD-1 therapy in metastatic breast cancer. Minhong Shen, Heath A Smith, Yong Wei, Yi-Zhou Jiang, Sheng Zhao, Nicole Wang, Michelle Rowicki, Yong Tang, Xiang Hang, Songyang Wu, Liling Wan, Zhi-Ming Shao and Yibin Kang. Nat Cancer. 2022 Jan;3(1):60-74. doi: 10.1038/s43018-021-00280-y. Epub 2021 Nov 29.