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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MTA2 (Human) Recombinant Protein (P01)

Catalog Number: H00009219-P01

Regulation Status: For research use only (RUO)

Product Description: Human MTA2 full-length ORF (NP_004730.2, 1 a.a. - 668 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAANMYRVGDYVYFENSSSNPYLVRRRIEELNKTANGN
VEAKVVCLFRRRDISSSLNSLADSNAREFEEESKQPG
VSEQQRHQLKHRELFLSRQFESLPATHIRGKCSVTLLN
ETDILSQYLEKEDCFYSLVFPVQKTLADQGEIRVG
CKYQAEIPDRLVEGESDNRNQKMEMKVWDPDNPLT
DRQIDQLVVARAVGTAFARALDCSSSIRQPSLHMSAAA
ASRDITLFHAMDTLQRNGYDLAKAMSTLVPQGGPVLC
RDEMEEWSASEAMLFEAELEKYGKDFNDIRQDFLPW
KSLASIVQFYMWKTTDRYIQKRLKAAEADSKLKQVY
IPTYTKPNPNQIISVSGSKPGMNGAGFQKGLTCESCHT
QSAQWYAWGPPNMQCRLCASCWIYWKYGGKLTPT
QLEGATRGTTEPHSRGHLRPEAQLSPYTTSANRAK
LLAKNRQTFLQTTLRLARRMCRDLLQPRRAARRP
YAPINANAIAECSIRLPKAAKTPLKIHPLVRLPLATIVKD
LVAQAPLKPKTPRGTKTPINRNQLSQNRGLGIMVKR
AYETMAGAGVPFASANGRPLASGIRSSSQPAKRQKLN
PADAPNPVVFVATKDTRALRKALHLEMRRRAARRPNL
PLKVKPTLIAVRPPVPLPAPSHPASTNEPIVLED

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 101.4

Interspecies Antigen Sequence: Mouse (98); Rat (98)

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: 9219

Gene Symbol: MTA2

Gene Alias: DKFZp686F2281, MTA1L1, PID

Gene Summary: This gene encodes a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small gene family that encode different but related proteins involved either directly or indirectly in transcriptional regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis. [provided by RefSeq]