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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NME1 (Human) Recombinant Protein (P01)

Catalog Number: H00004830-P01

Regulation Status: For research use only (RUO)

Product Description: Human NME1 full-length ORF (AAH00293, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MANCERTFIAIKPDGVQRGLVGEIIRFEQKGFRLVGL
KFMQASEDLLKEHYVDLKDRPFFAGLVKYMHS GPVVA
MVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQV
GRNIIHGSDSVESAEKEIGLWFHPEELVDYTSCAQNWI
YE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.46

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: 4830

Gene Symbol: NME1

Gene Alias: AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1

Gene Summary: This gene (NME1) was identified because of its reduced mRNA transcript levels in highly

metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]

References:

1. Improvement of protein immobilization for the elaboration of tumor-associated antigen microarrays: Application to the sensitive and specific detection of tumor markers from breast cancer sera. Yang Z, Chevotot Y, Gehin T, Solassol J, Mange A, Souteyrand E, Laurenceau E. Biosensors and Bioelectronics, <http://dx.doi.org/10.1016/j.bios.2012.08.019>