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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NME2 (Human) Recombinant Protein (P01)

Catalog Number: H00004831-P01

Regulation Status: For research use only (RUO)

Product Description: Human NME2 full-length ORF (AAH02476, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAM
KFLRASEEHLKQHYIDLKDRPFFPGLVKYMNSGPVVA
MVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQV
GRNIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDWV
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: 4831

Gene Symbol: NME2

Gene Alias: MGC111212, NDPK-B, NDPKB, NM23-H2, NM23B, puf

Gene Summary: Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by

NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. Co-transcription of this gene and the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) which encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]

References:

1. A role for nucleotides in support of breast cancer angiogenesis: heterologous receptor signalling. Yokdang N, Tellez JD, Tian H, Norvell J, Barsky SH, Valencik M, Buxton IL. Br J Cancer. 2011 May 10;104(10):1628-40. Epub 2011 Apr 19.
2. Measurement of Human Breast Tumor Cell-Secreted shNDPK-B in a Murine Breast Cancer Model Suggests its Role in Metastatic Progression. Yokdang N, Buxton ND, Buxton IL. Proc West Pharmacol Soc. 2009;52:88-91.