

Non-Metastatic Cells 2 Recombinant Protein | NME2 recombinant protein

Recombinant Human Non-Metastatic Cells 2

CATALOG # AAA38746	HOST E Coli
------------------------------	-----------------------

PRODUCT SYNONYMS

Non-Metastatic Cells 2; Recombinant Human Non-Metastatic Cells 2; NME2 Human; Non-Metastatic Cells 2 Human Recombinant; Nucleoside diphosphate kinase B; NDPK-B; NDPKB; NM23-H2; NM23B; EC 2.7.4.6; NDP kinase B; C-myc purine-binding transcription factor PUF; NDK B; NME2; puf; MGC111212; NME2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The NME2 protein solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MANLERTFIA IKPDGVQRGL VGEIIRFEQ KGFRVAMKF LRASEEHLKQ HYIDLKDRPF FPGLVKYMNS GPVVAMVWEG LNVVKTGRVM LGETNPADSK PGTIRGDFCI QVGRNIIHGS DSVKSAEKEI SLWFKPEELV DYKSCAHDWV YE
Sequence Length	267
Preparation and Storage	NME2 although stable 4 degree C for 4 weeks, should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NME2 recombinant protein	Description: NME2 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (1-152 a.a.) and having a molecular mass of 17.2kDa. The NME2 is purified by conventional chromatography. Introduction: NME2 takes an important part in the synthesis of nucleoside triphosphates other than ATP. NME2 negatively controls Rho activity by interacting with AKAP13/LBC. NME2 acts as a transcriptional activator of the MYC gene. NME2 binds DNA non-specifically. NME2 is a heterodimeric enzyme functioning as a nucleoside diphosphate kinase. NME1 and NME2 contain 152 amino acids, A and B polypeptide chains of the NM23 enzyme, respectively. NME2 is identical to the beta subunit of human erythrocyte NDP kinase. NDP kinases participate in the synthesis of nucleoside triphosphates, and NM23 is involved in the regulation of signal transduction by complexing with G proteins, causing activation/inactivation of developmental pathways.
Product Categories/Family for NME2 recombinant protein	Protein Kinases; Recombinant Proteins; Non-Metastatic Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	66392203
NCBI GeneID	654364
NCBI Accession #	NP_001018146.1
NCBI GenBank Nucleotide #	NM_001018136.2
UniProt Accession #	P22392; Q1WM23; Q6LCT6; A8MWA3

Molecular Weight	30,137 Da
NCBI Official Full Name	NME1-NME2 protein
NCBI Official Synonym Full Names	NME1-NME2 readthrough
NCBI Official Symbol	NME1-NME2
NCBI Official Synonym Symbols	NMELV; NM23-LV
NCBI Protein Information	NME1-NME2 protein; NME1-NME2 readthrough transcript
UniProt Protein Name	Nucleoside diphosphate kinase B
UniProt Gene Name	NME2
UniProt Synonym Gene Names	NM23B; NDK B; NDP kinase B
UniProt Entry Name	NDKB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nme2-recombinant-protein-e-coli/38746>