

Datasheet for ABIN935091
NME2 Protein (AA 1-152)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	NME2
Protein Characteristics:	AA 1-152
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MANLERTFIA IKPDGVQRGL VGEIIKRFEQ KGFRLVAMKF LRASEEHLKQ HYIDLKDRPF FPGLVKYMNS GPVVAMVWEG LNVVKTGRVM LGETNPADSK PGTIRGDFCI QVGRNIIHGS DSVKSAEKEI SLWFKPEELV DYKSCAHDWV YE
Characteristics:	Purified recombinant Human NME2 protein Expression System: E.coli
Purity:	> 95 % pure

Target Details

Target:	NME2
Alternative Name:	NME2 (NME2 Products)
Background:	NME2, also known as NM23B, is a heterodimeric protein functioning as a nucleoside diphosphate (NDP) kinase. NME1 and NME2 comprise the 152 amino acid A and B polypeptide

Target Details

chains of the NM23 enzyme, respectively. NME2 is identical to the beta subunit of human erythrocyte NDP kinase. NDP kinases are involved in the synthesis of nucleoside triphosphates, and NM23 may act in the regulation of signal transduction by complexing with G proteins, causing activation/inactivation of developmental pathways. Recombinant human NME2 protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: NME2, NME 2 protein, NDK B protein, NDPK-B protein, NM23 H2 protein, Nucleoside diphosphate kinase B C myc purine binding transcription factor PUF protein, NME-2, NME-2 protein, Non-Metastatic Cells 2 protein, NDPKB protein, NM23-H2 protein, NME 2, NDP kinase B protein, NM23B protein, MGC111212

Molecular Weight: 17.2 kDa (152 AA)

Application Details

Application Notes: NME2 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT and 10 % glycerol.

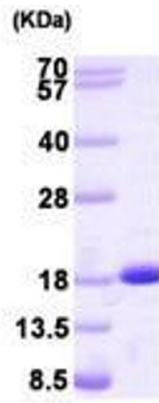
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.