

Recombinant Human NME2 293 Cell Lysate

Cat. No. NME2-3790HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for non-metastatic cells 2, protein (NM23B) expressed in (NME2), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [NME2 non-metastatic cells 2, protein \(NM23B\) expressed in \[Homo sapiens \]](#)

Official Symbol NME2

Synonyms NME2; non-metastatic cells 2, protein (NM23B) expressed in; nucleoside diphosphate kinase B; NM23 H2; NDP kinase B; c-myc transcription factor; histidine protein kinase NDKB; nucleotide diphosphate kinase B; c-myc purine-binding transcription factor PUF; non-metastatic cells 2, protein (NM23) expressed in; PUF; NDKB; NDPKB; NM23B; NDPK-B; NM23-H2; MGC2212; MGC111212;

Gene ID [4831](#)

mRNA Refseq [NM_002512](#)

Protein Refseq [NP_002503](#)

MIM [156491](#)

UniProt ID [P22392](#)

Chromosome Location 17q21.33

Pathway Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Nucleotide Metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism,

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organism-specific biosystem;

Function

ATP binding; DNA binding; kinase activity; metal ion binding; nucleoside diphosphate kinase activity; nucleotide binding; protein binding; protein histidine kinase activity; sequence-specific DNA binding transcription factor activity; transferase activity;

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