

NME2, human recombinant protein**Nucleoside diphosphate kinase B, NDPK-B, NDPKB, NM23-H2, NM23B.****Catalog # PBV11383r****Specification**

NME2, human recombinant protein - Product info

Primary Accession	P22392
Concentration	1
Calculated MW	17.2 kDa (152 aa, 1-152 aa) KDa

NME2, human recombinant protein - Additional Info

Gene ID	4831
Gene Symbol	NME2
Other Names	
Nucleoside diphosphate kinase B, NDPK-B, NDPKB, NM23-H2, NM23B.	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Specific activity is > 340 units/ml
Sequence	MANLERTFIA IKPDGVQRGL VGEIIKRFEQ KGFRLVAMKF LRASEEHLKQ HYIDLKDRPF FPGLVKYMNS GPVVAMVWEG LNVVKTGRVM LGETNPADSK PGTIRGDFCI QVGRNIIHGS DSVKS AEKEI SLWFKPEELV DYKSCAHDWV YE

Target/Specificity

NME2

Format

Liquid

Storage

-20°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol and 1 mM DTT

NME2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

NME2, human recombinant protein - Images**NME2, human recombinant protein - 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 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.

NME2, human recombinant protein - References

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Postel E.H.,et al.Science 261:478-480(1993).
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