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NME1, human recombinant protein

Non-metastatic cells 1, Nucleoside diphosphate kinase A, NDP kinase A, AWD, GAAD, NB, NBS, NDPK-A, N

Catalog # PBV11382r

Specification

NME1, human recombinant protein - Product info

Primary Accession	P15531
Concentration	1
Calculated MW	17.1 kDa (152 aa, 1-152 aa) KDa

NME1, human recombinant protein - Additional Info

Gene ID	4830
Gene Symbol	NME1

Other Names
Non-metastatic cells 1, Nucleoside diphosphate kinase A, NDP kinase A, AWD, GAAD, NB, NBS, NDPK-A, NM23, NM23-H1.

Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Specific activity is > 180 unit/ml
Sequence	MANCERTFIA IKPDGVQRGL VGEIIKRFEQ KGFRLVGLKF MQASEDLLKE HYVDLKDRPF FAGLVKYMHS GPVVAMVWEG LNVVKTGRVM LGETNPADSK PGTIRGDFCI QVGRNIIHGS DSVESAEKEI GLWFHPEELV DYTSCAQNWI YE

Target/Specificity
NME1

Format
Liquid

Storage
-20°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 7.5) containing 10% glycerol and 1 mM DTT

NME1, 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 Cytomety
- Cell Culture

NME1, human recombinant protein - Images

NME1, human recombinant protein - Background

Non-metastatic cells 1 (NME1), also known as NM23-H1, originally identified as a candidate metastasis suppressor gene. NME1 is expressed in different tumor types where their levels have been alternatively associated with reduced or increased metastatic potential. Reductions in NME1 expression have been significantly associated with aggressive behavior in melanoma, breast, colon, and gastric carcinomas. On the contrary, high levels of NME1 gene expression are noted in the advanced stage of thyroid carcinomas. Recombinant human NME1 was expressed in E.coli and purified by using conventional chromatography techniques.

NME1, human recombinant protein - References

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Wang L.,et al.Cancer Res. 53:717-720(1993).
Dooley S.,et al.Hum. Genet. 93:63-66(1994).
Ni X.,et al.J. Hum. Genet. 48:96-100(2003).