

# Recombinant Human NME1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NME1-3473H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	NME1 MS Standard C13 and N15-labeled recombinant protein (NP_000260) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.</p>
<b>Molecular Mass</b>	17.1 kDa
<b>AA Sequence</b>	<p>MANCERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVGLKFMQASEDLLKEHYVDLKD            RPFAGLVKYMHS GPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQV            GRNIIHGSDSVESAEKEIGLWFHPEELVDYTSCAQNWYETRTRPLEQKLISEEDLAA            NDILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

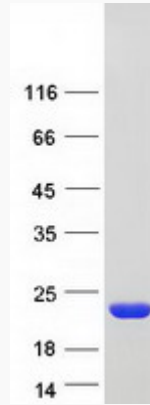
<b>Gene Name</b>	<a href="#">NME1 NME/NM23 nucleoside diphosphate kinase 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">NME1</a>
<b>Synonyms</b>	NME1; non-metastatic cells 1, protein (NM23A) expressed in; nucleoside diphosphate kinase A; NM23; NM23 H1; NDP kinase A; granzyme A-activated DNase; metastasis inhibition factor nm23; tumor metastatic process-associated protein; NB; AWD; NBS; GAAD; NDKA; NDPKA; NDPK-A; NM23-H1;
<b>Gene ID</b>	<a href="#">4830</a>
<b>mRNA Refseq</b>	<a href="#">NM_000269</a>
<b>Protein Refseq</b>	<a href="#">NP_000260</a>
<b>MIM</b>	<a href="#">156490</a>
<b>UniProt ID</b>	<a href="#">P15531</a>

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**SDS-PAGE**



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