

Recombinant Human NME4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NME4-5453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NME4 MS Standard C13 and N15-labeled recombinant protein (NP_005000) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4.
Molecular Mass	20.7 kDa
AA Sequence	MGGLFWRSALRGLRCGPRAPGPSLLVRHGSGGPSWTRERTLVAVKPDGVQRRRLV GDVIQRFERRGFTLVGMKMLQAPESVLAEHYQDLRRKPFYPALIRYMSSGPVVAMV WEGYNVVRASRAMIGHTDSAEAAPGTIRGDFSVHISRNVIHASDSVEGAQREIQLWF QSSELVSWADGGQHSSIHPATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NME4 NME/NM23 nucleoside diphosphate kinase 4 [Homo sapiens (human)]
Official Symbol	NME4
Synonyms	NME4; non-metastatic cells 4, protein expressed in; nucleoside diphosphate kinase, mitochondrial; nm23 H4; NM23H4; NDK; NDPKD; NDP kinase D; NDP kinase, mitochondrial; nucleoside diphosphate kinase D; NDPK-D; nm23-H4;
Gene ID	4833
mRNA Refseq	NM_005009
Protein Refseq	NP_005000
MIM	601818
UniProt ID	O00746

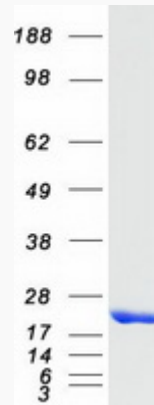
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SDS-PAGE



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