

Product datasheet for TP302603M

NME4 (NM_005009) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human non-metastatic cells 4, protein expressed in (NME4), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202603 protein sequence Red =Cloning site Green =Tags(s) MGGLFWRSALRGLRCGPRAPGPSLLVRHGSGGPSWTRERTLVAVKPDGVQRRVLVDVIQRFERRGFTLVG MKMLQAPESVLAEHYQDLRRKPFYPALIRYMSSGPVVAMVWEGYNVVRASRAMIGHTDSAEAAPGTIRGD FSVHISRNVIHASDSVEGAQREIQLWFQSSSELVSWADGGQHSSIHPA TR TRPLEQKLISEEDLA ANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_005000</u>
Locus ID:	4833
UniProt ID:	<u>O00746</u>


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RefSeq Size: 1059

Cytogenetics: 16p13.3

RefSeq ORF: 561

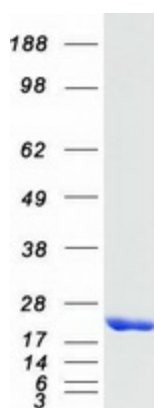
Synonyms: NDPK-D; nm23-H4; NM23H4

Summary: 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 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM, May 2008]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified NME4 protein (Cat# [TP302603]). The protein was produced from HEK293T cells transfected with NME4 cDNA clone (Cat# [RC202603]) using MegaTran 2.0 (Cat# [TT210002]).