

Product datasheet for **SC127542**

NME4 (NM_005009) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NME4 (NM_005009) Human Untagged Clone
Tag:	Tag Free
Symbol:	NME4
Synonyms:	NDPK-D; nm23-H4; NM23H4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005009, the custom clone sequence may differ by one or more nucleotides

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ATGGGCGCCTCTTCTGGCGCTCCGCGCTGCGGGGCTGCGCTGCGGCCCGCGGGCCCCGGGCCCGAGCC
TGCTAGTGCGCCACGGCTCGGGAGGGCCCTCTGGACCCGGGAGCGGACCCTGGTGGCGGTGAAGCCCGA
TGGCGTGAACGGCGGCTCGTTGGGGACGTGATCCAGCGCTTTGAGAGCGGGGCTTACGCTGGTGGG
ATGAAGATGCTGCAGGCACCAGAGAGCGTCCTTGCCGAGCACTACCAGGACCTGCGGAGGAAGCCCTTCT
ACCCTGCCCTCATCCGCTACATGAGCTCTGGGCTGTGGTGGCCATGGTCTGGGAAGGTACAATGTCGT
CCGCGCCTCGAGGGCCATGATTGGACACCCGACTCGGCTGAGGCTGCCCAGGAACCATAAGGGGTGAC
TTCAGCGTCCACATCAGCAGGAATGTCATCCACGCCAGCGACTCCGTGGAGGGGGCCAGCGGGAGATCC
AGCTGTGGTTCCAGAGCAGTGAGCTGGTGGTGGGAGGCGGGGCCAGCACAGCAGCATCCACCCAGC
CTGA
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Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005009.2 , NP_005000.1
RefSeq Size:	1059 bp
RefSeq ORF:	564 bp
Locus ID:	4833
UniProt ID:	O00746
Cytogenetics:	16p13.3
Domains:	NDK
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>