

Product datasheet for MR216332

Nme5 (NM_080637) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nme5 (NM_080637) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nme5
Synonyms:	1700019D05Rik; Nm23-M5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216332 representing NM_080637 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTATCAATGCCCTGCCTCAGATATATGTAGAAAAACCCCTAGCCCTTATCAAGCCAGATGTTG
TTGACAAAGAAGAGGAGATACAGGATATTATTCTGGGATCTGGATTCACCATTATTCAGAGACGGAACT
ACACCTGAGCCCCGAGCACTGTAGTAACTTTTATGTGGAGCAGTATGGGAAAATGTTTTCCAACTTA
ACAGCTTATATGAGCTCTGGACCTCTTGTGCTATGATATTAGCTAGACATAAGGCCATCTCCTACTGGA
AAGAACTTATGGACCAAGTAACAGTTTAGTAGCCAAGGAGACACACCCGGACAGCTTAAGGGCGATATA
CGGTACAGACGAGCTCAGGAACGCACTTCATGGGAGCAATGACTTCGCTGCCTCAGAGCGAGAGATCAGG
TTCATGTTTCCAGCCGTGATTATTGAACCCATTCCAATTGGACAAGCCGCTAAGGACTACATAAACTTGT
ACGTAGCGCCAACCCTACTTCAAGGACTCACAGAGCTTTGTAAGGAAAAGCCACCAGACCCTTACCTCTG
GCTCGCTGATTGGCTGATGAAAAATAATCCAACAACCTAACTTTGTCAATTTCCAGTGACAGAAGAG
CCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_080637.4](#)

RefSeq Size: 829 bp

RefSeq ORF: 636 bp

Locus ID: 75533

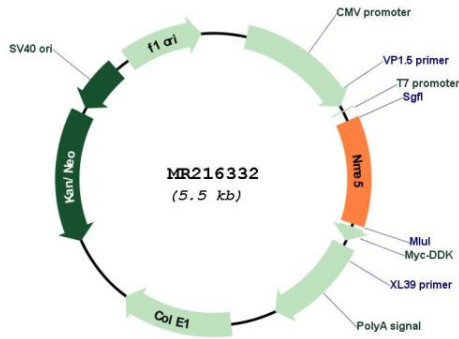
UniProt ID: [Q99MH5](#)

Cytogenetics: 18 B1

MW: 24 kDa

Gene Summary: Does not seem to have NDK kinase activity. Confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. May play a role in spermiogenesis by increasing the ability of late-stage spermatids to eliminate reactive oxygen species.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216332