

Product datasheet for RN203382

Nme7 (NM_138532) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nme7 (NM_138532) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nme7
Synonyms:	Nm23-r7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203382 representing NM_138532 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAAGCTGGTCAGCAGGGAAGAAGTTGCGGTTTGATTTCTCCGTATCTTGACCCAAGAATCAGAGTG
AGAGGTTTGCTTTCATTGCAGAGTGGTATGACCCAATGCTTCACTGCTCCGACGCTATGAGCTTCTGTA
CTACCCGGTAGATGGATCTGTTGAAATGCATGATGTCAAGAATCGTCGCACCTTCTTAAAGCGGACCAAG
TATGAGGACCTGCGCGTGAAGATTTATTTATAGGCAACAAAGTCAATGTGTTTTCTCGACAGCTGGTGC
TGATTGACTATGGGGACCACTACACAGCCCGCCAGCTGGGCAGCAGGAAAAGAGAAAACTTTAGCCCTCAT
CAAACCGGATGCAGTATCGAAGGCTGGAGAAATCATTGAGATGATAAACAAAAGTGGGTTCACTATAACC
AACTCCGAATGATGACGCTGTCAAGGAAAAGAAGCAGCAGACTTTCATGTAGACCACCACTCAAGGCCTT
TTTATAACGAATGATCCAGTTTATCACAAGTGGGCTGTTATTGCCATGGAGATCTTGAGAGATGATGC
CATATGTGAGTGGAAAAGTTGCTTGGACCCGCAAACTCTGGGATAGCGCGTTGAGAAGCCCCGGAAGC
GTCCGAGCCCTCTTTGGGACAGATGGCATAAGAAATGCGGCTCACGGCTCTGATACTTTTGAGTCCGCTG
CCAGAGAAAATGGAATTATTTTCCCTCCAGTGGAGGCTGTGGCCCAACAACACTGCTAAATTTACCAA
TTGTACCTGCTGCATTATCAAGCCCATGCTATCAGTGAAGGAATGTTGGGAAAGATTTTAAATAGCTATT
CGAGATGCATGCTTTGAGATCTCAGCAATACAGATGTTCAATATGGATCGAGCTAATGTTGAAGAATTCT
ATGAAGTCTATAAAGGTGACTGTCCGATTATAATGACATGGTGACAGAGCTGACTCCGGCCCTTGCGT
AGCAATAGAGATCCAGCAGAGCAATCCTACGAAGACGTTCCGAGAATTCTGTGGACCTTCCGATCTGAA
ATCGCCAGGCATTTACGACCTGAGACCCTCAGGGCAAATTTGGTAAAACCAAGGTTCAAATGCTGTTC
ATTGTACAGATCTGCCAGAGGATGGGCTCTGGAGGTCCAGTATTTCTTCAAGATCTTGATAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_138532
Insert Size:	1188 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
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:	<u>NM_138532.1</u> , <u>NP_612541.1</u>
RefSeq Size:	1659 bp
RefSeq ORF:	1188 bp
Locus ID:	171566
UniProt ID:	<u>Q9QXL7</u>
Cytogenetics:	13q23
Gene Summary:	nucleoside-diphosphate kinase important for purine and pyrimidine biosynthesis [RGD, Feb 2006]