

Product datasheet for **SC202994**

NM23A (NME1) (NM_198175) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NM23A (NME1) (NM_198175) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NME1
Synonyms:	AWD; GAAD; NB; NBS; NDKA; NDPK-A; NDPKA; NM23; NM23-H1
ACCN:	NM_198175
Insert Size:	274 bp
Insert Sequence:	>SC202994 3'UTR clone of NM_198175 The sequence shown below is from the reference sequence of NM_198175. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCTGTGCTCAGAACTGGATCTATGAATGACAGGAGGGCAGACCACATTGCTTTTCACATCCATTTC CTCCTTCCCATGGGCAGAGGACCAGGCTGTAGGAAATCTAGTTATTTACAGGAACCTCATCATAATTTG GAGGGAAGCTCTTGGAGCTGTGAGTTCTCCCTGTACAGTGTACCATCCCCGACCATCTGATTAATG CTTCTCCAGCATAGGATTCATTGAGTTGTTACTTCATATTGTTGCATTGCTTTTTTTTCCTTCT ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_198175.1</u>



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Summary:

This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Jul 2008]

Locus ID:

4830

MW:

10.4