

Product datasheet for SC204217

Nucleophosmin (NPM1) (NM_002520) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Nucleophosmin (NPM1) (NM_002520) Human 3' UTR Clone
Symbol:	Nucleophosmin
Synonyms:	B23; NPM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002520
Insert Size:	365 bp
Insert Sequence:	>SC204217 3'UTR clone of NM_002520 The sequence shown below is from the reference sequence of NM_002520. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATCTCTGGCAGTGGAGGAAGTCTCTTAAGAAAATAGTTTAAACAATTTGTTAAAAATTTTCCGTCT
TATTTCAATTTCTGTAACAGTTGATATCTGGCTGTCCTTTTTATAATGCAGAGTGAGAACTTCCCTACC
GTGTTTGATAAATGTTGTCCAGTTCTATTGCCAAGAATGTGTTGTCCAAAATGCCTGTTTAGTTTTTA
AAGATGGAAGTCCACCCTTTGCTTGGTTTTAAGTATGTATGGAATGTTATGATAGGACATAGTAGTAGC
GGTGGTCAGACATGGAATGGTGGGAGACAAAATATACATGTGAAATAAACTCAGTATTTTAATAA
AGTAGCACGGTTTCTATTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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.



[View online »](#)

RefSeq: [NM_002520.7](#)

Summary: The protein encoded by this gene is involved in several cellular processes, including centrosome duplication, protein chaperoning, and cell proliferation. The encoded phosphoprotein shuttles between the nucleolus, nucleus, and cytoplasm, chaperoning ribosomal proteins and core histones from the nucleus to the cytoplasm. This protein is also known to sequester the tumor suppressor ARF in the nucleolus, protecting it from degradation until it is needed. Mutations in this gene are associated with acute myeloid leukemia. Dozens of pseudogenes of this gene have been identified. [provided by RefSeq, Aug 2017]

Locus ID: 4869

MW: 14