

Product datasheet for **SC204270**

Nucleophosmin (NPM1) (NM_001037738) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Nucleophosmin (NPM1) (NM_001037738) Human 3' UTR Clone
Symbol:	Nucleophosmin
Synonyms:	B23; NPM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001037738
Insert Size:	750 bp
Insert Sequence:	>SC204270 3'UTR clone of NM_001037738 The sequence shown below is from the reference sequence of NM_001037738. 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
ATGCAAGCAAGTATAGAAAAAGCGCATTGAACAGTCCTGGGCACTACATGTAAATTAAGCCCAAAGATG
GGGAGAAAGGAAAAGGAGAGACAAATATAGTCCATACTGAGTGCATCAACAATCCAGACTGAAGTCTT
CTATTTAATCTCAATCCCCTTTTCTGATTTGCCACCCATGCCTCTTCAGGCTGGAAACAATCTCTTGG
TTCCTAAAGCACTTTCTTCTGACTGCTGTGATTCAGTGAACCTTGCCCTTTGCTTTCTATTACTTGTG
CATTTGCCTCACCTGACAATGTTTTAAATCGCCTTTGTATCTCCTTAGCTGCTCAATAAATATTTGAAT
GCATCAATTAAGAATGTATGTGACAATAATTTTGAATGGAAATTGTGAGGTTTATTTTACTAGGTTAT
TGGAGGCAGTTAAGTTTCTTAATGCTATACCTGATTCTGCCAAAGTCCCTTGGACATTTGAAAACCTTT
TCAATCTTTTAAAAATGCATAAAAGATACTTAGAGGGAAAGGTATTAATTAATTTAGTAAAAACAAT
ATATTCATGCTTTAAATCCAAGTAGTGATAAATACAAACATTTCAAGATATTTGCAATAGTAATGT
TTTGAAATTTTGGTTACAAAGTCACAGGCTTGCCAATACTGTTGTAGTTTCTTGCTATATCCGTAAT
TTGAAGGAAATGGTGAGAGTGATTAGAGAAGTGAATTAATTAATTTTCCCCTATTG
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_001037738.3</u>
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:	29