

Product datasheet for **SC115768**

NPM3 (NM_006993) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPM3 (NM_006993) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPM3
Synonyms:	PORMIN; TMEM123
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006993, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGCCGGTACTGCAGCTGCCTTAGCGTTTTTGAGTCAGGAGAGCCGAACGCGGGCCGGGGGTGTCG
GGGGCCTACGGGTCCCGGCCCGGTCACTATGGACAGTTTTTCTTCGGCTGTGAGCTCTCCGGCCACAC
CCGCTCCTTCACCTTTAAGGTAGAGGAAGAGGATGATGCGGAGCACGTGCTGGCACTAACCATGCTCTGC
CTCACCAGGGGAGCCAAAGACGAGTGTAAATGTGGTAGAAGTTGTGGCCCGGAACCATGACCATCAGGAGA
TCGCAGTCCCTGTGGCCAACTCAAGCTGTCTGCCAACCCATGCTCAGTCTGGATGACTCCAGCTCCA
ACCACCTGTAACCTTCCGCCTGAAGTCGGGCTCTGGCCCTGTGCGGATCACTGGGCGGCACCAGATTGTT
ACGATGAGCAATGATGTTTCTGAGGAGGAGAGCGAGGAAGAGGAAGAGGACAGTATGAGGAAGAAGTTG
AGCTGTGCCCCATCCTTCTGCCAAAAGCAGGGGGGCAGGCCCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006993 unedited CTATAGGGCGGCCGGAATTCGGCACGAGGCGGTACTGCACCTGCCTTAGCGTTTTGAG TCAGGAGAGCCGAACGCGGGCCGGGGTGTCTGGGGCCTACGGGTCCC GGCCCGGTCAC TATGGACAGTTTTTTCTTCGGCTGTGAGCTCTCCGGCCACACCCGCTCCTTTACCTTTAA GGTAAGGAAGAGGATGATGCAGAGCACGTGCTGGCACTAACCATGCTCTGCCTCACCGA GGGAGCCAAAGACGAGTGAATGGGGCAGAAGTTGTGGCCCGGAACCATGACCATCAAGA GATCGCAGTCCCTGTGGCCAACCTCAAGCTGTCTGCCAACCCATGCTCAGCCTGGATGA CTCCAGCTCCAACCACCTGTAACCTTCCGCCTGAAGTCGGGCTCTGGCCCTGTGCGGAT CACTGGGCGGCACCAGATTGTTACGATGAGCAATGATGTTTCTGAGGACGAGAGCGAGGA AGATGAACAGGACAGTGTGACGAAGAAGTTGAGCTGAGCCCCATCCTTCTGCCAAAAA GCAGGTGGGCAGGCCCTAGCCCTCCTATGTCAGCTCCATGTGCCATGCACCGCCATGCAC CCTGTTCCCTGACAAAGTTCAACAGTTGTAATAATTTCTCTTTGAGAGACAGCTCGGT AGGGGTTGGTGGGAAGACCTGGCCTTGGAGCTAGANAGGGCCGTGCTCACCAGCCGGGT TTTGATTTACCATGCCCGGGCTCCTTCCACTGCTGGAGAATTGAGGTATGCCTGACCANA ACACCACTTTATAGCTCTCATTTTGATAAGTGAATAGTGGCGGGATTTGCAAAAAAAA AAAACTGATTAATGGGGCGAATACTGTCTGACCACCCGGGATGCTGGACCCCATG CTCTGCCGAATGCCCCAGGCACCACTGCTATAATAGTGCCTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_006993
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_006993.1</u> , <u>NP_008924.1</u>
RefSeq Size:	884 bp
RefSeq ORF:	537 bp
Locus ID:	10360
UniProt ID:	<u>O75607</u>
Cytogenetics:	10q24.32

Gene Summary:

The protein encoded by this gene is related to the nuclear chaperone phosphoproteins, nucleoplasmin and nucleophosmin. This protein is strongly expressed in diverse cell types where it localizes primarily to the nucleus. Based on its similarity to nucleoplasmin and nucleophosmin, this protein likely functions as a molecular chaperone in the cell nucleus. [provided by RefSeq, Oct 2008]