

Product datasheet for **SC320983**

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: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006993.1
 GGGGACAGCATGGCCCGGTACTGCAGCTGCCTTAGCGTTTTTGTAGTCAGGAGAGCCGA
 ACGCGGGCCGGGGTGTCTCGGGGCCTACGGGTCCCGGCCCGGTCACTATGGACAGTTTT
 TTCTTCGGCTGTGAGCTCTCCGGCCACACCCGCTCCTTACCTTTAAGGTAGAGGAAGAG
 GATGATGCGGAGCAGTCTGGCACTAACCATGCTCTGCCTCACCGAGGGAGCCAAAGAC
 GAGTGTAAATGTGGTAGAAGTTGTGGCCCGAACCATGACCATCAGGAGATCGCAGTCCCT
 GTGGCCAACCTCAAGCTGTCTGCCAACCCATGCTCAGTCTGGATGACTTCCAGCTCCAA
 CCACCTGTAACCTTCCGCTGAAGTCGGGCTCTGGCCCTGTGCGGATCACTGGGCGGCAC
 CAGATTGTTACGATGAGCAATGATGTTTCTGAGGAGGAGAGCGAGGAAGAGGAAGAGGAC
 AGTGATGAGGAAGAAGTTGAGCTGTGCCCATCCTTCTGCCAAAAGCAGGGGGGCAGG
 CCCTAGCCCTCCTAGGTCAGCTCCATGTGCCATGCACCGCCATGCACCCTGTTCCCTGAC
 AAGTTTCAACAATTGAAATATTTCTTCTTGAAGAGGAGAGCTTGGGTGGGGTTGGGT
 GGGAGGGACTTGGGTCTTTGGTGCTAGGAGAGGGCCTGTGCTCCACACAGCCGTGGTTTT
 CTGATTTTACCATGCCCGGGCCCTCCCTCCACCTGCCTGTGAGAATTGGAGGTTAGT
 GCCTGAAGCTCAGAGCTACACATTTTTAAAGTTTTTACATTTTTGGATAAAGGTTGAAA
 TAAAGTGGTGTGGAGTTTTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

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).



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| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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] |