

Product datasheet for **SC308270**

Nucleostemin (GNL3) (NM_206825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nucleostemin (GNL3) (NM_206825) Human Untagged Clone
Tag:	Tag Free
Symbol:	GNL3
Synonyms:	C77032; E2IG3; NNP47; NS
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_206825, the custom clone sequence may differ by one or more nucleotides

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ATGACCTGCCATAAGCGGTATAAAATCCAAAAAAGGTTGAGAACATCATCGAAAATTA
AGAAAGGAGGCTAAAAAGCGGGTACAAAGAAGCCTAGGAAAGACCCAGGAGTTCCAAAC
AGTGCTCCCTTTAAGGAGGCTCTTCTTAGGGAAGCTGAGCTAAGGAAACAGAGGCTTGA
GAACTAAACAGCAGCAGAACTTGACAGGCAGAAAGAACTAGAAAAGAAAAGAAAACCTT
GAACTAATCCTGATATTAAGCCATCAAATGTGGAACCTATGGAAAAGGAGTTTGGGCTT
TGCAAACTGAGAACAAAGCCAAGTCGGGCAAACAGAATTCAAAAGAAGCTGTACTGCCAA
GAACTTAAAAAGGTGATTGAAGCCTCCGATGTTGCTCCTAGAGGTGTTGGATGCCAGAGAT
CCTCTTGTTGCAGATGTCTCAGGTAGAAGAGGCCATTGTCCAGAGTGGACAGAAAAAG
CTGGTACTTATATTAATAAATCAGATCTGGTACCAAAGGAGAATTTGGAGAGCTGGCTA
AATTATTTGAAGAAAGAATTGCCAACAGTGGTGTTCAGAGCCTCAACAAAACCAAAGGAT
AAAGGGAAGATAACCAAGCGTGTGAAGGCAAAGAAGATGCTGCTCCATTCAGAAAGTAA
GTCTGCTTTGGGAAAGAGGGCCTTTGGAACTTCTTGGAGGTTTTTCAGGAACTTGACGC
AAAGCCATTCGGGTTGGAGTAATTGGTTTCCCAAATGTGGGAAAAGCAGCATTATCAAT
AGCTTAAACAAGAACAGATGTGTAATGTTGGTGTATCCATGGGCTTACAAGGAGCATG
CAAGTTGTCCTTGGACAAACAGATCACAATCATAGATAGTCCGAGCTTCATCGTATCT
CCTTAATTCCCTCTGCGCTTGCTCTGCGAAGTCCAGCAAGTATTGAAGTAGTAAAA
CCGATGGAGGCTGCCAGTGCCATCCTTTCCAGGCTGATGCTCGACAGGTAGTACTGAAA
TATACTGTCCCAGGCTACAGGAATTCTCTGGAATTTTTACTGTGCTTGCTCAGAGAAGA
GGTATGCACAAAAAGGTGGAATCCCAAATGTTGAAGGTGCTGCCAACTGCTGTGGTCT
GAGTGGACAGGTGCCTCATTAGCTTACTATTGCCATCCCCCTACATCTTGGACTCCTCCT
CCATATTTAATGAGAGTATTGTGGTAGACATGAAAAGCGGCTTCAATCTGGAAGAACTG
GAAAAGAACAATGCACAGAGCATAAGAGCCATCAAGGGCCCTCATTGGCCAATAGCATC
CTTTCCAGTCTCCGGTCTGACAAATGGAATAATAGAAGAAAAGGACATACATGAAGAA
TTGCCAAAACGGAAGAAAGGAAGCAGGAGGAGGAGGATGACAAAGACAGTGACCAG
GAACTGTTGATGAAGAAGTTGATGAAAACAGCTCAGGCATGTTTGTGCAAGAGAGACA
GGGAGGCACTGTCTGAGGAGACTACAGCAGGTGAACAGTCTACAAGGTCTTTTATCTTG
GATAAAATCATTGAAGAGGATGATGCTTATGACTTCAGTACAGATTATGTGTAA

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Restriction Sites: Please inquire



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ACCN:	NM_206825
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).
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_206825.1</u> , <u>NP_996561.1</u>
RefSeq Size:	2159 bp
RefSeq ORF:	1614 bp
Locus ID:	26354
UniProt ID:	<u>Q9BVP2</u>
Cytogenetics:	3p21.1
Protein Families:	ES Cell Differentiation/IPS, Stem cell - Pluripotency
Gene Summary:	The protein encoded by this gene may interact with p53 and may be involved in tumorigenesis. The encoded protein also appears to be important for stem cell proliferation. This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1. Variants 2 and 3 both encode the same isoform (2).