

Product datasheet for **SC324598**

NSBP1 (HMGN5) (NM_030763) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NSBP1 (HMGN5) (NM_030763) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSBP1
Synonyms:	NBP-45; NSBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_030763.1
 GAAAACCTATTTGCTCTTGAGCAGTCAGGCAGTGCCTTCGGCTTTTTTCTGCTG
 ACTAAGATCTCCTATAGAGAGCTACAACAATGCCCAAAGAAAGGCTGCAGGTCAAGGTG
 ATATGAGGCAGGAGCCAAAGAGAAGATCTGCCAGGTTGTCTGCTATGCTTGTGCCAGTTA
 CACCAGAGGTGAAGCCTAAAAGAACATCAAGTTCAAGGAAAATGAAGACAAAAGTGATA
 TGATGGAAGAAAACATAGATACAAGTGCCCAAGCAGTTGCTGAAACCAAGCAAGAAGCAG
 TTGTTGAAGAAGACTACAATGAAAATGCTAAAAATGGAGAAGCCAAAATTACAGAGGCAC
 CAGCTTCTGAAAAGAAAATTGTGGAAGTAAAAGAAGAAAATATTGAAGATGCCACAGAAA
 AGGGAGGAGAAAAGAAAGAGCAGTGGCAGCAGAAAGTAAAAATGAAGAAGAAGATCAGA
 AAGAAGATGAAGAAGATCAAAACGAAGAGAAAAGGGGAAGCTGAAAAGAAGACAAAAGATG
 AAAAGGGGAAGAAGATGAAAAGAGGATAAAAAATGGAATGAGAAAGGAGAAGATGCAA
 AAGAGAAAAGAAGATGAAAAAAGGTGAAGACGAAAAGGAAAATGGAGAAGATGAAAAG
 AGAAAGGAGAAGATGAAAAGAGGAAGAAGACAGAAAAGAAAACAGGAGATGAAAAGAGA
 ATGAAGATGAAAAGAGAAGGGAGATAAAAAAGAGGGGAAAAGATGAAAAGTCAAAGAAG
 ATGAAAAGAGAGAGAAGATGAAAAGAAAGATGAAGGTGGAATGAGGAAGAAGCTGGAA
 AAGAGAAAAGAAGATTTAAAAGAAGGAAGAAGGAAAAGGGAAGATGAGATCAAAGAAG
 ATGATGGAAGAAAAGAGGAGCCACAGAGTATTGTTTAAACTGCCCTATGTAGTTTCATA
 ATTTGGTAACATGTACCTTCATGTTGTAAGTTAATAGAGATAAATATTTTTATCAAAAA
 TTTTATAAACACAGCCTTCTTTAGCATTGATTTAATTTTCAGAACATCTTCATATTGATT
 ATTAGCCATAAAGTTTCTAACATGAAACATTTATCTATAAATTTTGTGATTATAGTAGTG
 GAATACATAGAAAAAATATGCTTTCAACTTTGTGAGTGAATTTTCGTGTTGTGAAGTTA
 TATGTCAAATCTTTGAATTTTAACTTTTACTCTTTTATACATGTGATAATTTCAAAAAGT
 AGGGATCCCAAAAAAGAGTTTCATCCAACATCTTGTCTGCAGGTTGCTTTTATAAAG
 AAGGTGAACATTTTTCATGTAATGTTAAGAGTTAACTTATCTTTCCCAATATAACTTT
 ATTATTAGCTTGGGAAAATGAAATTGTATTCCCATTTTTAAAAATAAATACAAATGTTTA
 TTTCAGAAGGGCAGTTTTGATTATATGTGAATACACAAATTTTACTGGATTTATCTTAAT
 AAAAAGACTCTGACGACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_030763
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_030763.1</u> , <u>NP_110390.1</u>
RefSeq Size:	1865 bp
RefSeq ORF:	849 bp
Locus ID:	79366
UniProt ID:	<u>P82970</u>
Cytogenetics:	Xq21.1
Domains:	HMG14_17
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a nuclear protein with similarities to the high mobility group proteins, HMG14 and HMG17, which suggests that this protein may function as a nucleosomal binding and transcriptional activating protein. [provided by RefSeq, Sep 2009]