

Product datasheet for **SC321555**

NCBP1 (NM_002486) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCBP1 (NM_002486) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCBP1
Synonyms:	CBP80; NCBP; Sto1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_002486.4
CCAGACAGTTCCTGCAGCGCTTACCGCCTGGCCTCTCGGTTCCGCGGCGCACCGGAGGGC
AGCATGTGCGGGCGGGCGGCACAGCGACGAGAACGACGGTGGGCGAGCTCACAAAAGGAGA
AAGACCTCTGATGCAAAATGAACTGAAGATCATTTGGAATCTTTAATATGTAAAGTAGGA
GAAAAGAGTGCCTGCTCTTTGGAGAGCAACCTAGAAGGCTTGGCTGGTGTGTTTGGAGCT
GATCTTCTAACTACAAGAGCAAGATCTTAAGGCTTCTTTGTACAGTTGCACGCCTATTA
CCTGAGAAGCTGACAATTTATACAACATTAGTTGGACTACTGAATGCCAGGAATTACAAT
TTTGGTGGAGAATTTGTAGAAGCCATGATTCGTCAACTTAAAGAATCATTGAAAGCAAAC
AATTATAATGAAGCCGTGTATTTGGTCCGTTTTTATCTGATCTTGTGAATTGTCATGTG
ATTGCCGCCCATCAATGGTTGCTATGTTTGAAAATTTTGAAGCGTAACTCAGGAAGAA
GATGTACCTCAGGTGCGACGAGATTGGTATGTGTATGCATTTCTGTCATCTTTGCCCTGG
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GAAAGCTATCTTAAAAGACGCCAAAAGACTCATGTACCCATGTTACAGGTATGGACTGCT
GATAAACACATCCACAAGAAGAGTATTTAGATTGCCTGTGGGCCAGATTCCAGAAATTG
AAAAGGATCGCTGGCAGGAACGGCACATCCTAAGACCTTATCTTGCCTTTGACAGCATC
CTGTGTGAAGCACTGCAGCAATCTGCCTCCTTTACACCACCTCCTCACACTGAAGAT
TCAGTGTACCCAATGCCAAGGGTCATCTTCAGAATGTTTGATTACACAGATGATCCCGAG
GGTCTGTGATGCCAGGGAGTCATTAGTGGAAAGATTTGTAATAGAAGAGAATCTTAC
TGCATCATTAAAGTCCCCTGGAAGGAAAGGAAAGACTTGTGCTGCACAGTTAGTGAGCTAT
CCAGGGAAGAACAAGATCCCCTTGAAGTACCACATAGTTGAGGTGATCTTTGCAGAGCTG
TTTCAACTCCAGCACCCCTCACATTGATGTGATGTACACAACACTCCTCATTGAACTG
TGCAAACTCAACTGGCTCTCTACCCCAAGTTCTTGCACAGGCAACTGAAATGCTATAC
ATGCGTTTTGGACACAATGAACACTACCTGTGTAGACAGGTTTATTAATTGGTTTTCTCAT
CATCTAAGTAACTTCCAGTTCGGTTGGAGCTGGGAAGATTGGTACAGATTGTCTTAGTCAA
GATCCTGAAAGTCCCAAACCGAAGTTTGTAAAGAAAGTTCTAGAAAAATGTATGAGGTTG
TCTTACCATCAGCGTATATTAGATATTGTTCTCCTACCTTCTCAGCTCTGTGCTCCTGCA
AACCCAACTGCATTTACAAGTATGGAGATGAAAGTAGCAATTCTCTTCCGGACATTCT
GTTGCCCTCTGTTAGCTGTTGCCTTTAAAAGTAAAGCAACCAATGATGAAATCTTCAGC
ATTCTGAAAGATGTACCAAAATCCTAACCCAGGATGATGACGACGATGAAGGATTCAGTTTT
AACCCATTGAAAAAGAAGTCTTTGTACAGACTCTGCTACACTTGGCAGCCAAATCATT
AGCCACTCCTCAGTGTCTTGCAGGTTTTCATGAAGTCTTCAAACCCTAGCTGAAAGT
GATGAAGGAAAGTTACATGTGCTAAGAGTTATGTTTGAGGTCTGGAGGAACCATCCACAG
ATGATTGCTGTAAGTGGATAAGATGATTCGTACACAAATAGTTGATTGTGCTGCCGTA
GCAAAATGGATCTTCTTTCAGAACTATCTCGTGACTTTACCAGATTGTTTGGTGGGAA
ATTTTGCCTCTACAATTCGTAAGATGAACAAACATGCTCCTGAAGATCCAGAAAGAGCTG
GAAGAAGCTAAAGAGAACTTGTAGGCAACACAAACGGCGAAGTGATGATGACGACAGA
AGCAGTGACAGGAAAGACGGGGTCTTGAGGAACAAATAGAACGACTTCAGGAAAAAGTG
GAATCTGCTCAGAGTGAACAAAAGAATCTTTTCTCGTTATATTTTCAGCGGTTTATCATG
ATCTTGACCGAGCACCTAGTACGATGCGAAACTGATGGGACCAGTGATTAACACCATGG
TATAAGAAGTGTATAGAGAGGCTGCAGCAGATCTTCTACAGCATCACCAATAATCCAG
CAGTACATGGTGACCCTGGAGAACCCTTCTTCACTGCTGAATTAGACCCTCATATCTTG
GCCGTGTTCCAGCAGTTCTGTGCCCTGCAGGCTAAGGGTCATTTTTTCTCATGTCAAG
GTTTTTTTTGATATCTTAAAATAATTTGTCTTATAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAA
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Restriction Sites:

Please inquire

ACCN:

NM_002486

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_002486.4</u> , <u>NP_002477.1</u>
RefSeq Size:	5381 bp
RefSeq ORF:	2373 bp
Locus ID:	4686
UniProt ID:	<u>Q09161</u>
Cytogenetics:	9q22.33
Domains:	MIF4G
Protein Pathways:	Spliceosome
Gene Summary:	The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. [provided by RefSeq, Jul 2008]