

Product datasheet for **SC323990**

MYBBP1A (NM_014520) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYBBP1A (NM_014520) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYBBP1A
Synonyms:	P160; PAP2; Pol5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014520.1
 CGGAGATGGAGAGCCGGGATCCCCGCCAGCCGATGTCGCCTGGAGAAGCGACGCAGAGTG
 GCGCCCGCCTGCCGACCCTATGGCCTATTGAAGCACAGTCGCGAGTTCTTGGACTTCT
 TCTGGGACATTGCGAAGCCTGAGCAGGAGACGCGACTTGGCGCCACGGAGAAGCTGCTGG
 AGTATCTGCGTGGCAGGCCGAAGGGTCCGAGATGAAATATGCCCTGAAGCGTCTAATCA
 CGGGACTCGGGTGGGCGAGAAACAGCCCGCCCTGCTACAGTTTGGCCCTGGCACAGC
 TGTACAGTCTTTGAAGACCTCCCCTTGTGCAGCATCCTGCAGCAGATACAAGAAAAAT
 ATGACCTGCATCAGGTGAAGAAGCAATGCTGAGACCTGCTCTTTGCAAACCTGTTTG
 GAGTGCTCGCCCTCTTTCAGTCAGGTGGCTGGTGAAGGACCAGGAGGCACTGATGAAGT
 CGGTGAAGCTGCTGCAGGCCCTGGCCAGTACAAAACCACTTGCAGGAGCAGCCCCGGA
 AGGCCCTGGTGGACATCCTCTCCGAGGTCTCGAAGGCCACATTGCAGGAGATCCTGCCGG
 AGGTCCTCAAAGCCGACTTGAATAATAACTCAGCTCCCCTGAACAGCTAGAGCTCTTCC
 TCCTGGCCAGCAGAAGGTGCCCTCCAAGCTCAAGAAGCTGGTGGGATCCGTGAACCTAT
 TCTCAGATGAGAAATGTCCCAGGCTGGTGAATGTGCTGAAGATGGCCGCCTCCTCTGTGA
 AGAAGGACCGCAAGCTGCCCGCCATTGCTCTGGACCTGCTCCGCCTGGCGCTCAAGGAAG
 ACAAGTCCCACGGTTCTGGAAGGAGGTGGTGAACAAGGGTCTGAAGATGCAGTTCT
 GGCCAGCCAGCTACCTGTGTTTCCGCCTGCTGGGCGCGCCCTGCCCTGCTGACCAAGG
 AGCAGCTGCACCTGGTGTGATGCAGGGAGACGTGATCCGCCATTACGGGGAGCACGTGTGCA
 CTGCTAAGCTCCCAAAGCAGTTCAAGTTTCCCCAGAGATGGACGATTACGTGGGACCT
 TCCTAGAGGGGTGCCAGGATGACCCTGAGCGGCAGCTGGCCGTGCTAGTGGCCTTCTCAT
 CTGTACCAACCAAGGCCTCCCCTGTCACGCCTACTTTCTGGCGGGTCTGTCGGTTCTCTGA
 GCCCTCCGGCCCTGCAGGGCTATGTGGCCTGGCTGCGGGCCATGTTTCTCCAGCCAGACC
 TGGACTCCTTGGTTGACTTCAACCAACAACCAGAAGAAAGCCAGGATTCATCGCTCC
 ACATGCCTGAGCGAGCTGTGTTCCGGCTGAGGAAATGGATCATCTTTCGATTGGTGA
 TGTGGACAGCCTGCACCTGGAGATGGAGGAGGCCTTACTGAGCAGGTGGCCAGGTTTT
 GTTTGTTCCACTGTTCTTTGTCAAAAAGCCACATCCCAGATCCCTGAGACAAAGC
 ACCCGTTCTCCTTCCCTTTGAAAACCAGGCCGAGAGGCTGTCAGCAGTGCCTTCTTCA



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GTCTGTTGCAGACCCTCAGCACGCAGTTCAAGCAGGCACCGGGCCAGACCAGGGTGGGC
 AGCCCTGGACCTACCACCTGGTGCAGTTCGCAGACCTCCTGTTGAATCACAGCCACAACG
 TGACCACCGTGACACCCTTCACTGCGCAGCAGCGCCAGGCCTGGGACCGGATGCTGCAGA
 CTCTGAAGGAGCTGGAGGCCACTCCGCAGAGGCCAGGGCTGCTGCCTTCCAGCACCTTC
 TGCTCCTCGTGGGCATCCACCTCCTCAAGTCCCCTGCAGAGAGCTGTGACCTGCTGGGTG
 ACATCCAGACCTGCATCAGGAAAAGTCTGGGAGAGAAGCCCCCGCGGAGCCGCACCAAGA
 CCATCGACCCCCAGGAACCCCCCTGGGTAGAGGTGCTGGTGGAGATCTTGCTGGCCCTGT
 TGGCCCAGCCCAGCCACCTCATGCGCCAGGTGGCCCGGAGCGTGTGGCCACATCTGCT
 CCCACCTGACCCCGCTGCCCTGCAGCTAATTCTGGATGTGCTGAACCCCGAGACCAAGT
 AGGATGAGAATGACCGTGTGGTGGTACGGACGATTCTGATGAGCGGCGGCTGAAGGGTG
 CAGAGGACAAGAGCGAGGAAGGTGAGGACAACAGAAGCTCAGAGAGTGAAGAGGAGAGCG
 AGGGGGAGGAGAGCGAGGAGGAGGAGCGCAGCGGGACGTGGATCAGGGCTTCCGGGAAC
 AGCTGATGACCGTGTGCAGGCTGGGAAGGCGCTGGTGGAGAGGACAGTGAACGAGG
 AGGAGCTGGGGATGAGGCCATGATGGCCCTGGACCAGAGCTCGCCAGCCTCTTTGCCG
 AGCAGAAGCTGCGTATCCAGGCCGCGAGACGAGAACAAGCTGCAGAAGGAGAAGG
 CTCTGCGGCGGACTTCCAGATCCGGGTGCTGGACCTGGTGGAGGTGCTAGTGACCAAGC
 AGCCCCGAGAATGCCCTGGTCTGGAGCTGCTGGAGCCGCTGCTGAGCATCATCCGGCGCA
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 TCACGCACCACCTGTGCCGTGCCCGGCGTACTGCCACGACTTGGGTGAGCGCGCAGGGG
 CCCTGCACGCCAGGTGGAGCGGTTGGTGCAGCAGGCTGGCCGCCAGCCCCGACTCCCCCA
 CCGCCCTTACCATTCAACGCCTCTCTACTGCTCCGGGTCTGAAGGGCAACTG
 CTGAGGGCTGCGTGCATGAGACACAGGAGAAGCAGAAAGCTGGCACTGACCCAGCCACA
 TGCCCCAGGGCCGACGGTCCAGCTGCTTGGACTTGAACCTGGTGAACCGGGTACT
 CGACAGCACTGAGCTCCTTCTGACCAAGCGCAACAGCCCCCTCACAGTTCCCATGTTCC
 TAGCCTCTTCTCCCGGACCCGGTCTGCTGTCAGAGCCTGCTCCCCATCCTGGTCCAGC
 ATATCACGGGCCCGTGCGGCCCGTCTCAGGCCTGCCTGCTGCTCCAGAAGACCCTGT
 CCATGCGGGAGGTGAGGTCTGCTTTGAGGACCCGAGTGAAGCAGCTGATGGGCCAGG
 TCCTAGCAAAGGTCACCGAGAATTTGCGCGTCTGGGGGAGGCGCAGACCAAGGCGCAGC
 ATCAGCAGGCACTGTCTCCCTGGAGCTGCTCAACGTTCTTTCAGGACCTGCAACATG
 AGAAGCTGACCTTGGACCTGACGGTCTCTGGGTGTGCTGCAGGGGCAACAGCAGAGCC
 TACAGCAGGGGGCACACTCCACCGGCTCCAGCCGCTGCACGACCTTACTGGCAGGCCA
 TGA AACCTGGGAGTCCAGCGCCCAAGTTGGAGAAGAAGGATGCCAAGGAGATCCCCA
 GTGCCACCAGAGCCCCATCAGTAAGAAGCGGAAGAAAAAGGGATTCTTGCCAGAGACGA
 AGAAGCGCAAGAAACGCAAGTCAGAGGATGGCACGCCAGCGGAGGATGGCACACCTGCAG
 CCACCGGCGGGAGCCAGCCCCCAGCATGGGCAGGAAGAAGAGGAACAGGACAAAGGCTA
 AGGTCCCAGCCCAGGCAACGGGACGCCAACCAAGAGTCCAGCCCCCTGGCGCCCCCA
 CCCGGAGCCCCAGCACCCCTGCCAAATCCCCAAAATGCAGAAGAAAAACCAGAAGCCGT
 CCCAGGTGAATGGAGCTCCCGGGTCCCCACGGAACCTGCAGGCCAAAAGCAGCATCAGA
 AGGCTCTTCCAAAAAGGGGGTCTTGGGCAAATCACCCTGTCCGCGCTGGCACGGAAAA
 AGGCAAGGCTGTCTTGGTCATCAGGAGTCCAGCCTGCTTTCAGAGTGGGGCCAAGAAGA
 AAGCACAGGTGAGGAAGGCAGGGAAGCCCTGAGCACAGGTACGGGCCCCCTCAGCCCT
 GCCTCCATCTGCCTGAGACGCCTATTTTTTTTTTTTTTTTAAAAACCATGATTTAATAC
 GCAAGCTGTTTCTAAGGCGCTGCCACTGGGGAGGGTGGCTGTTGCCGCTGCCGGGCAT
 CCTGCTTGGAAGCACAGCCTGAGCCATTCTGCAGGGGTCCAGGGTGCAGAGACCTC
 CCCACCCCGGTTCTGGGCTGGGACCTGGCTCCAGGGCCATGTCCAGGGCTCTGGTGT
 TGCCCTGGGTTGGTGCAGGTTGATGTGCTGGCTGCAGGCAGGTGTGACCATCTCTCGTGCC
 TGCCACCTCTTTGCCCCAGGCTTTTTTGTGTGAGGGAGCCACCAGGGGTGATTTAAA
 TAGGTTTATTTCTTATTACAAGAGGAATATATTTGGCTTCTCTTAAAGACTCTGAGA
 TTCACAATCAGCAGCTCTAAAAATAAAGGAGCAGTTTGCTTCCGGAAGGAAGGAGGAG
 CAAAAAAAAAAAAA

Restriction Sites:

ECoRI-NOT

ACCN:	NM_014520
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:	NM_014520.1 , NP_055335.1
RefSeq Size:	4538 bp
RefSeq ORF:	3987 bp
Locus ID:	10514
UniProt ID:	Q9BQG0
Cytogenetics:	17p13.2
Domains:	DNA_pol_V
Protein Families:	Stem cell - Pluripotency, Transcription Factors
Gene Summary:	<p>This gene encodes a nucleolar transcriptional regulator that was first identified by its ability to bind specifically to the Myb proto-oncogene protein. The encoded protein is thought to play a role in many cellular processes including response to nucleolar stress, tumor suppression and synthesis of ribosomal DNA. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (2) differs in the 3' structure resulting in a novel 3' coding region and 3' UTR compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>