

Product datasheet for **SC317166**

MYBBP1A (NM_001105538) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYBBP1A (NM_001105538) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYBBP1A
Synonyms:	P160; PAP2; Pol5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC317166 sequence for NM_001105538 edited (data generated by NextGen Sequencing)

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ATGGAGAGCCGGGATCCCGCCAGCCGATGTCGCCTGGAGAAGCGACGCAGAGTGGCGCCCGCCTGCCG
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 GAGTCCCAGCCTGCTTCCAGAGTGGGGCCAAGAAGAAAGCACAGACTCTGAGATTCACAATCAGCAGCTCT
 AAAAAATAA

Clone variation with respect to NM_001105538.1
 825:g=>a 3083:g=>a 3237:g=>t

Restriction Sites:

Please inquire

ACCN:

NM_001105538

Insert Size:

4000 bp

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_001105538.1</u> , <u>NP_001099008.1</u>
RefSeq Size:	4122 bp
RefSeq ORF:	3999 bp
Locus ID:	10514
UniProt ID:	<u>Q9BQG0</u>
Cytogenetics:	17p13.2
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 (1) represents the shorter transcript and encodes the longer isoform (1).</p>