

Product datasheet for **SC107923**

MYCBP (NM_012333) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYCBP (NM_012333) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYCBP
Synonyms:	AMY-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_012333 edited ATGGCCCATTACAAAGCCGCCGACTCGAAGCGTGAGCAGTTCGCGGAGTACTTGGAGAAG TCGGGGGTGCTGGACACGCTGACCAAGGTGTTGGTAGCCTTATATGAAGAACCAGAGAAA CCTAACAGTGCTTTGGATTTTTAAAGCATCACTTAGGAGCTGCTACTCCAGAAAATCCA GAAATAGAGCTGCTTCGCCTAGAACTGGCCGAAATGAAAGAGAAGTATGAAGCTATTGTA GAAGAAAATAAAAACTGAAAGCAAAGCTTGCTCAGTATGAACCACCTCAGGAGGAGAAG CGTGCTGAATAG
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012333 unedited NTGCGGTTTTGTAACCGATTACTATAGGCGGCACGCGAATTCGCACCAGCCGGCCGACG TACGCCGCTGCCGCTGCTACTATGGCCATTACAAAGCCGCCGACTCGAAGCGTGAGCAG TTCCGGAGGTAAGTGGAGAAGTCGGGGGTGCTGGACACGCTGACCAAGGTGTTGGTAGCC TTATATGAAGAACCAGAGAAACCTAACATTTCTTTGGATTTTTAAAGCATCACTTAGGA GCTGCTACTCCAGAAAATCCAGAAATAGAGCTGCTTCGCCTAGAACTGGCCGAAATGAAA GAGAAGTATGAAGCTATTGTAGAAGAAAATAAAAACTGAAAGCAAAGCTTGCTCAGTAT GAACCACCTCAGGAGGAGAAGCGTGTGAATAGGATTCTTCTCAGTTTGAAGACAATGA AAAATGGTTTTGTATGACTTGAATAGTTTGTATAGTATATAATCTTTCTGAACAGATGC TATAGAATCTTTAATATGTTAATTCACCTATCACACTCTGTTAAAAACACATAGAAT CATCAATAAAAACTCAATATAACTTTCTTTGGGTCTTAAAGCAGGAGAATCCAAAGTAAA TCCTGAACAAAACCTAAACACAGCCATCTAACTCATTACCTTAAAGACATTCTGTTTAT TAGTCTGATTAGGAATGATGGCACTGGTGTATTTTAGCCAAGACAGTTTAGCATGGAGC TATTCTTGGNTGCAGTTCAGGATATGAACACAGGTACAGTCATTCTTTGAAGGTGACACT GTTCTGTATATCCCTATAGCAGCTGGAGAGATCTGTGTGACACAAGATGCTTTTGTAC GGGTTCCCATGAAATCTCTGCTCTTGGTNGTGTGACATGGAACANATACTTNCTTGNAC CACTTTGCCTTAGATACTGTGTGTGTGTGTC
Restriction Sites:	NotI-NotI



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ACCN:	NM_012333
Insert Size:	2150 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).
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_012333.3 , NP_036465.2
RefSeq Size:	2093 bp
RefSeq ORF:	312 bp
Locus ID:	26292
UniProt ID:	Q99417
Cytogenetics:	1p34.3
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
Gene Summary:	<p>The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene. [provided by RefSeq, Nov 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the supported protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>