

Product datasheet for **MC202481**

Blcap (NM_016916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Blcap (NM_016916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Blcap
Synonyms:	A1462828; Bc10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC083339 sequence for NM_016916
 GTTGGTGGCGAGCTAAGGTGGAGGCAAGCAGCGGGCGGACGGCGACAGTGGCGGAGTGCATGGTGGG
 GCTCGCAGGATCCCTGCTGCCTTGGTGATCCCGGGCTGACAGCCAGAGAGCACAGCGGCTCAGCTCCTGG
 AGAGAGAGTCGAAGAAAGCGAAGGGCAGCCACCTGTGCCTGCTGGCTCCCATTAGGTCGGTTCCTGCAGC
 GGTGCCTGGCAGCCTTGGTGAAGGCCCTGCCCGGCAGAGATCATGTGTTGCCTCCAGTGGCTGCTGCCCC
 TCCTCCTCATCCCCAAGCCCCCAACCCCGCTCTGTGGTTCAGCCACTCCATGTTTCATGGGCTTCTACCT
 GCTCAGTTCCTCCTGGAACGGAAACCTTGCACAATATGTGCCTTGGTTTTCTGGCAGCCCTCTTTCTC
 ATCTGCTATAGCTGCTGGGGAAATTGTTTCTGTACCACTGCTCCGATTCCCCACTTCCGAATCAGCCC
 ATGACCCCGGTGTTGTGGGCACCTAACGCTGCGGAGATAGCTTGCCAAGGAAGCAGAAGACGGGAGGGG
 AGGCATTGACATAGGTCATAAAGCATTGGAGTTTCAAATCCCGCAGTCTGCGGGTACCACATTCCTAAT
 GGAGCCTTTTGGCCTGTGATGTTTTATCCTTACAATGTGAATAATGGCACTGATCGGTGCTTCTGTTGTA
 GAGTCCTGTAGTCGTGGGTGGTCTTATGGTGTGTGTTCTGTACCATCTGGTCCCAGGCTGACGGATTG
 GCCACCCCTTGTCTATTGATTTGGGGAATCTATACCCTTGATATGACCTGTGTGGATACAGTGTAGTC
 TCAATGTCACCTCATAACCCTTCTCGTCAAGACCTTCTCGTCCCTCCTCGTCCCCTTTCCCGTTT
 TCCCCTTGGTTCACCTCCAACCCCTTTCTTTTTTGGGGAGCACCTGTCCAAGACAGGGCTGTTTTTGC
 ACTTATCTCAAATTTGAAGAGATTGCTGATGCCGAGAGCCTCGCTTTTTCATCCTTCGTTCCCTTTTGA
 GAAGGTGAGACGGAATCATGTCTCAACTGCTCGTTGTCTGCAGACCTCCAGTATTTCTCTGCCTCATT
 TTAAGAAAGAAGCGATGGGGAGACATTGCTCTTTGGCCTGGGTATCTGGGCTCCTGCCTTCCAGCCCAGC
 CTCTCTCCCTTTGCTCTTCTCCTGTCTCTCAGCTGACCTAAAGGGGCCACCTCATGTCTCCAGTGCA
 TGCTCTTCAGGAGGGAGATGTGCAGTATTCTCGTAGACCCAGTGGTCCCTGGCTGAGTGAATGAGAAAGT
 ATTACATTTTTTATAGCAGCCATGATCCCTTGGTAGGTGTTGGATATTTTTGATGTGCCCTGTATGTA
 TGTGTGCACTAGTGTGAGCGTGTATGTACACACGTATGTGTGAATGTGTGTTGTGTGTGTTTACATAC
 CAATACATGTGTATATTCCTTTTGAAGAAGCTTTATTGAATATGTTCTGATTTTGGGTTTGTAGTAGT
 AGCTAGCTGTAGTAGTCTGCTGCAAGTTTATTTAGCATGGGATTGCAGAGGACCAGCACAGTGGGA
 CTCCAAGGTGGTTCAGACAAGACCCAGGGGAGCAGTCCGATCATCCTCCCACCAGGAGTTCCTCATTG
 CTGCGCACGTAGACTGTACACTATGAAGAAAACACAGGAAGAAAGATTTGGTGACTTGGTACTTGTTTGC
 TTTTCTCTGCGCTTCAGAAACAAGTGTGTTGCAAAATGAGACTTTCTCCTGGCCCCTACCCACTGGGGATCA
 GCATGGTGTGTTCTCCAGTCGGAAATGTACCCCTCCTTTCCCCTCTTGTGTGCAAGTGGGGGGGGG
 GGCAGGCATAGGACAGAGCTGGAAGCAGGCTTCTGGGGAGTGGGACTTAGAGGCCACACTGTGAAACAC
 TCGGACTGCTGTGTAAGCTTTTATTTCTGGTGTGTTCCGTTCCACAGCTGTTTGAATGTTAATAAAG
 CTTTATAAACTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_016916

Insert Size: 264 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:

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: [BC083339](#), [AAH83339](#)

RefSeq Size: 2063 bp

RefSeq ORF: 264 bp

Locus ID: 53619

UniProt ID: [P62951](#)

Cytogenetics: 2 78.4 cM

Gene Summary: May regulate cell proliferation and coordinate apoptosis and cell cycle progression via a novel mechanism independent of both p53/TP53 and NF-kappa-B.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.