

Product datasheet for **MC206456**

Bag1 (BC003722) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bag1 (BC003722) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bag1
Synonyms: BAG-1; Rap46
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003722
 GGGTTGCAAGGCTGCGCGCCCGGTAGCCACCGCTGCGCTGTGAACAAACGCGGCCTGGCGGGTTCGACGG
 CCGCGCGCGACCGCGAGGCGACCGGGAGCCGCTGGGACCCAGGCTGCGCGCCCTCGGCCCTGCCGGGA
 GCCGCGCCAGTCGGAGTCCCGGGCCGAGCGGGGCTTGCCTCCCTCTCAGGGTTCCCTCTGTGCGCAGTGCA
 GCCAGCGGGCATGACCGATCCACCAGGGGCGCCGCGCCGCGCCTGCAAGCCGCGGGTGAAGAAGAAAG
 TCCGGCCCGCTCTTCTCAGAGCGAGAAGGTAGGGAGCAGCAGCAGGGAATTGACTAGAAGTAAGAAAGT
 GACCCGTAGCAAGAACGTGACCGGGACCCAGGTAGAGGAGGTGACCAAGATCGAGGAGGCGACCCAAACC
 GAGGAAGTAACTGTGGCAGAAGAGGTGACCCAGACCGACAACATGGCCAAGACCGAGGAGATGGTCCAGA
 CGGAGGAAATGGAACACCCAGACTCAGCGTGATCGTACCCACAGCAATGAGAGGTATGACCTTCTTGT
 TACCCACAGCAAGGTAACAGTGAGCCAGTTGTCCAAGACTTGGCTCAGCTTGTGAAGAGGCCACAGGA
 GTTCCACTACCTTTTCAGAAGCTCATATTTAAGGGAAAATCTCTGAAAGAAATGGAAACACCGTTGTCAG
 CACTTGGAATGCAAAATGGTTGCCGAGTCATGTTAATTGGTGAAAAGAGCAATCCAGAAGAAGAGGTTGA
 GTTAAAGAAGCTGAAAGATTTGGAGGTATCTGCAGAGAAGATAGCTAACCACCTGCAAGAATTGAATAAA
 GAGCTTCTGGCATCCAGCAGGGTTTTCTGGCTAAGGAATTGCAAGCGGAGGCTCTCTGCAAACCTTGATA
 GGAAAGTAAAAGCAACAATTGAGCAATTCATGAAGATCTTGGAGGAGATTGACACAATGGTCCCTACCAGA
 ACAATTTAAAGACAGCAGGCTAAAAAGGAAGAAATTTGGTGAAAAGGTTGAGGTGTTCTTAGCAGAGTGT
 GACACAGTGGAGCAATACATCTGCCAAGAGACAGAGCGGCTGCAGTCTACAACTTGGCCCTGGCTGAAT
 GAAGTGCAGTGGAGAGTGGCTGTACTGGCTGAAGAGCAGCTTTACAGCCCTGCCCTCTCTGGAACAGAA
 GTCGCTGTTTCTCCATGGCTGCCAGGGCAACTAGCCAATGTCAATTTCCCTGCTCCTCCGTCGGTTTC
 TCAATGAAAAAGTCTGTCTTTGCAACCTGAATTAGACTTGTGTTTTCTCAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: EcoRI-NotI
ACCN: BC003722
Insert Size: 1068 bp



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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:	BC003722 , AAH03722
RefSeq Size:	1382 bp
RefSeq ORF:	1068 bp
Locus ID:	12017
Cytogenetics:	4 A5
Gene Summary:	The oncogene Bcl2 encodes a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to Bcl2 protein and is referred to as Bcl2-associated athanogene. It enhances the anti-apoptotic effects of Bcl2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. At least two protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site and an alternative, downstream, AUG translation initiation site. [provided by RefSeq, Jul 2008]