

Product datasheet for **MC206283**

Bcas2 (BC037062) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcas2 (BC037062) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcas2
Synonyms:	MGC7712
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC037062

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CCACGCGTCCGGCCAGAAGGCGCTCTTGAAGCCTAGTGCCGCGCATGGCGGGCACGGGCTTGGTAGCCG
GAGAGGTGGTGGTAGATGCGCTACCATATTTTGACCAAGGCTATGAGGCACCCGGCGTGCGGGAAGCGGC
GGCGGCCCTGGTGGAGGAGGAGACGCGCAGATACCGACCTACCAAGAACTACCTGAGCTACCTGACGGCC
CCGGATTATTCTGCCTTTGAAACAGACATAATGAGAAATGAATTTGAAAGACTCGCTGCTCGACAACCGA
TTGAATTACTCAGCATGAAACGATATGAACTTCCAGCCCTTCTCAGGTCAAAAAAATGACATTACTGC
ATGGCAAGAATGTGTAACAATTCTATGGCTCAGTTGGAGCACCAGGCGGTCCGGATCGAGAATCTGGAG
CTGATGTCACAGCATGGATGCAATGCCTGGAAGGTGTACAATGAAAATCTTGTTTCATATGATTGAACATG
CACAGAAAGAGCTTCAGAAGTTAAGGAAACATATTCAAGATTTGAACTGGCAGCGAAAGAACATGCAGCT
TACAGCTGGATCTAAGCTGAGAGAAATGGAGTCAAACCTGGGTGTCGCTGGTGAGTAAGAACTATGAGATT
GAGCGGACGATTGTCAGCTGGAGAACGAGATCTATCAGATCAAGCAGCAGCACGGGGAGGCCAACAAAGG
AAAACATCCGCCAAGACTTCTAATGACTCAGGCGACGTGGGCTCCGCAGACTCAGCGGGGACTTTCTCGG
AGCGACTGTGGTGGTTACATGGTTAGAGACCATGGACTATGTAACCTGTTGATTGCTTCTGTGTGAGTG
TCTTAGCAAAAATAAGTTGTGCGACATGTTGCTGTTTTATGCTATAAAAACTGGTTTTTCAGAATGAGTA
TGACTTTAGAATAATTTTGACATATTTGTAGCAGAAATTTTTTTTTTAAGGCTTCAAATTTTGTAAATGA
AGCTCCTTTATTTTAAGGCATCCAACATGTTCTGGAAGCTGGAAACCTTGAATTTGTGTTTTTGTGTA
ATAAAGTTACAGTTCTAAGCATTAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	BC037062
Insert Size:	678 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).



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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>BC037062</u> , <u>AAH37062</u>
RefSeq Size:	1094 bp
RefSeq ORF:	678 bp
Locus ID:	68183
Cytogenetics:	3 F2.2
Gene Summary:	Required for pre-mRNA splicing as component of the activated spliceosome. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role in the spliceosome assembly as it contacts all other components of the core complex. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR).[UniProtKB/Swiss-Prot Function]