

## Product datasheet for **MC206528**

### Brms1 (BC016108) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Brms1 (BC016108) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Brms1  
**Synonyms:** AV003220; AW554636  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC016108  
 GGAGATCAACGGCGGGCGGCTTACACCCTGGGTCGGACAGCTCTCCGGGAGTCCTGGACGTGAGGCCGG  
 AGGCCCCAGTGTCTGCGAGCCCAGATGCCATCCAGCCTTCAGGCCAAAGAAACAGAAGAGATGGAGGCAG  
 AAGGGGATTCAGCAGCTGAGATGAACGGGGAGGCAGATGAGAGCGAGGAGGAGCGGAGTGGCAGCCAAAC  
 TGAGTCAGAGGAGGAGAGCTCAGAGATGGATGATGAAGACTATGAGCGGCCCGCAGTGAGTGTGTCACT  
 GAGATGCTGGACCTGGAAAAGCAGTTCTCAGAGCTGAAGGAGAAGTTGTTGAGGAAACGGCTCAGCCAGC  
 TACGTTTACGACTGGAGGAAGTGGGGGCTGAGAGAGCCCCAGAATATACGGAACCTCTTGGCGGGCTGCA  
 GCAGAGCCTGAAGATCCGCATTCAGGTGGCAGGGATCTACAAGGGCTTCTGTCTGGATGTGATCAGGAAT  
 AAGTATGAGTGTGAACCTCAGGGAGCCAAACAACACCTGGAGAGTGAGAAGATGCTGCTGTATGACACAC  
 TGCTTGGGGAGCTGCAGGAGCGGATCCAGAGGCTGGAGGAGGACCGGCAGAGCCTTGACATCAGCTCTGA  
 GTGGTGGGACGACAACTACATAGCAGAAGCAGCTCCAAGGCCGGGACGCCATGCCACCCAGCAAGAGG  
 AAGAAGGCACCGCTCGTTTCTGGTCCATACATTGTGTACATGCTGCAAGAGATCGACATCCTGGAAGACT  
 GGACAGCCATCAAAAAGGCCAGGGCAGCAGTGTCCCCTCAGAAGAGAAAAGCAGACGGACCTGACCCTG  
 CATTACTCTCGCTCGGAGGGTCTGGGAGCAGCTGGTACCTCACGCAGGATTAACATTTCTCTGAAAAG  
 GCAGGGGGTTGCCTAGTAGCTCTCAGTGTGCTGCTGGCCCCTGACCCTCTGCCACCACTGGCCTGGAC  
 TCCTCTGCTCTCCTTGGGATCTGCACAACGTGGCCCTGAAGCCGACCTGGCCAAGCAAGACTGTGGTCT  
 CCATCCCTGACCAGCCCACTCCCTCCCAAAGAATAACTTCTTTCAGCGTCCCCCAGAGAGACCAGGCC  
 TCATCCAGAGTACAGCAGCAGTCTCTGACCTTGAACCCTGGCCCTCAGCCACTGAGCCAGGCCCAAC  
 TGTAGGAGGAACCTCAAGCAGACATGTTGGCCCTTGTCCACCTGACTGCCGCTGGAGAGGACGGCTTC  
 CCAGGCTTCTCAGGGCTATTCTGGTGTCTGCCTCTCAGATTCCAAGACTGGAATAAAATTTAACCTG  
 GGACCTTGAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC016108  
**Insert Size:** 741 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC016108</a></u> , <u><a href="#">AAH16108</a></u>
<b>RefSeq Size:</b>	1396 bp
<b>RefSeq ORF:</b>	741 bp
<b>Locus ID:</b>	107392
<b>Cytogenetics:</b>	19 A
<b>Gene Summary:</b>	Transcriptional repressor. Down-regulates transcription activation by NF-kappa-B by promoting the deacetylation of RELA at 'Lys-310'. Promotes HDAC1 binding to promoter regions. Down-regulates expression of anti-apoptotic genes that are controlled by NF-kappa-B. Promotes apoptosis in cells that have inadequate adherence to a substrate, a process called anoikis, and may thereby inhibit metastasis (By similarity).[UniProtKB/Swiss-Prot Function]