

## Product datasheet for MR200909

### Brms1 (BC003485) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Brms1 (BC003485) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Brms1  
**Synonyms:** AV003220; AW554636  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR200909 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCCATCCAGCCTTCAGGCAAAGAAACAGAAGAGATGGAGGCAGAAGGGGATTCAGCAGCTGAGATGA  
 ACGGGGAGGCAGATGAGAGCGAGGAGGAGCGGAGTGGCAGCCAACTGAGTCAGAGGAGGAGAGCTCAGA  
 GATGGATGATGAAGACTATGAGCGCGCCGCGAGTGAAGTGTGTGAGTGTGCTGGACCTGGAAAAGCAG  
 TTCTCAGAGCTGAAGGAGAAGTTGTTTCAGGGAACGGCTCAGCCAGCTACGTTTACGACTGGAGGAAGTGG  
 GGGCTGAGAGAGCCCCAGAATATACGGAACCTCTTGGCGGGCTGCAGCAGAGCCTGAAGATCCGCATTCA  
 GGTGGCAGGGATCTACAAGGGCTTCTGTCTGGATGTGATCAGGAATAAGTATGAGTGTGAACTCCAGGGA  
 GGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR200909 protein sequence  
 Red=Cloning site Green=Tags(s)

MPIQPSGKETEEEMAEAGDSAAEMNGEADESEEERSGSQTSEEEESSEMDDDEDYERRRSECVSEMLDLEKQ  
 FSELKEKLFRRERLSQLRLRLEEVGAEARPEYTEPLGGLQQLKIRIQVAGIYKGFCLDVIRNKYECELQG  
 G

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



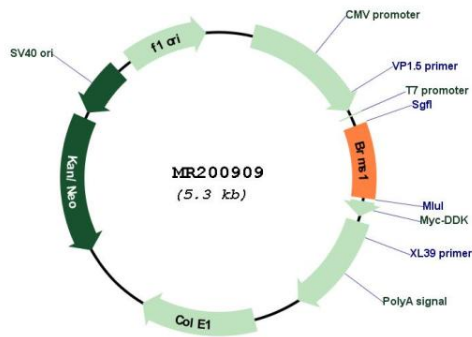
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**MW:** 16.1 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR200909