

Product datasheet for **SC111219**

BRMS1 (NM_015399) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRMS1 (NM_015399) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRMS1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015399, the custom clone sequence may differ by one or more nucleotides

```
ATGCCTGTCCAGCCTCCAAGCAAAGACACAGAAGAGATGGAAGCAGAGGGTGATTCTGCTGCTGAGATGA
ATGGGGAGGAGGAAGAGAGTGGAGGAGCGGAGCGGCAGCCAGACAGAGTCAGAAGAGGAGAGCTCCGA
GATGGATGATGAGGACTATGAGCGACGCCGACGAGTGTGTGAGTGTGCTGGACCTAGAGAAGCAG
TTCTCGGAGCTAAAGGAGAAGTTGTTTCAGGGAACGACTGAGTCAGCTGCGGTTGCGGCTGGAGGAAGTGG
GGGCTGAGAGAGCCCCTGAATACACGGAGCCCCTTGGGGGGCTGCAGCGGAGCCTCAAGATTCGCATTCA
GGTGGCAGGGATCTACAAGGCTTCTGTCTGGATGTGATCAGGAATAAGTACGAATGTGAGCTGCAGGGA
GCCAAACAGCACCTGGAGAGTGAGAAGCTGCTGCTCTATGACACGCTGCAGGGGGAGCTGCAGGAGCGGA
TCCAGAGGCTGGAGGAGGACCGCCAGAGCCTGGACCTCAGCTCTGAATGGTGGGATGACAACTGCACGC
CAGAGGCAGCTCCAGGTCTTGGGACTCCCTGCCGCCAGCAAGAGGAAGAAGGCACCTCTGGTTTCTGGC
CCATACATCGTGTACATGCTTCAAGAGATCGACATCCTGGAGGACTGGACAGCCATCAAAAAGGCTAGGG
CAGCTGTGTCCCCTCAGAAGAGAAAATCGGATGGACCTTGA
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_015399 unedited TAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAGCCGCGCAGCGCCTAC GGGAGTCCGGCGGCAGCAGCCGGTACCGGCAACCACGGGCAGCTCTCAGGGAATCTCCGT CGTGAGGCCAGAGGCTCCAGTCCCCGCGAGTCCAGATGCCTGTCCAGCCTCCAAGCAAAG ACACAGAAGAGATGGAAGCAGAGGGTGATTCTGCTGCTGAGATGAATGGGAGGAGGAAG AGAGTGAGGAGGAGCGGAGCGGCAGCCAGACAGAGTCAGAAGAGGAGAGCTCCGAGATGG ATGATGAGGACTATGAGCGACGCCGACGAGTGTGTCACTGAGATGCTGGACCTAGAGA AGCAGTTCTCGGAGCTAAAGGAGAAGTTGTTTCAGGGAACGACTGAGTCAGCTGCGGTTGC GGCTGGAGGAAGTGGGGCTGAGAGAGCCCTGAATACACGGAGCCCTTGGGGGCTGC AGCGGAGCCTCAAGATTCGATTAGGTGGCAGGGATCTACAAGGGCTCCTGTCTGGATG TGATCAGGAATAAGTACGAATGTGAGCTGCAGGGAGCCAAACAGCACCTGGAGAGTGAGA AGCTGCTGCTCTATGACACGCTGCAGGGGAGCTGCAGGAGCGGATCCAGAGGCTGGAGG AGGACCGCAGAGCCTGGACCTCAGCTCTGAATGGTGGGACGACAACCTGCACGCCAGAG GCAGCTCCAGGTCTTGGGACTCCCTGCCGNCCCAGCAGAGGAAGAAGGCACCTCTGGTTT CTGGCCATACATCGTGTACCTGCTTCAAGAGATCGACATCCTGGAGGACTGGACAGCCA TCAAAAAGCTAGGCAGCTGGGTCCCCTCAAANGAGAANAATCNATGAACCTTTGACCTT GCTGTACAGCCAGGGGGACCCTCAGAGCAGCTGGCACTGCACCCAGGATTCTCGTCTTC CTC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_015399
Insert Size:	1640 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:	<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>NM_015399.3, NP_056214.1</u>
RefSeq Size:	1455 bp
RefSeq ORF:	741 bp
Locus ID:	25855
UniProt ID:	<u>Q9HCU9</u>
Cytogenetics:	11q13.2
Protein Families:	Druggable Genome

Gene Summary:

This gene reduces the metastatic potential, but not the tumorigenicity, of human breast cancer and melanoma cell lines. The protein encoded by this gene localizes primarily to the nucleus and is a component of the mSin3a family of histone deacetylase complexes (HDAC). The protein contains two coiled-coil motifs and several imperfect leucine zipper motifs. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest and more abundant transcript and encodes isoform (1).