

## Product datasheet for **SC321157**

### 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

**Mammalian Cell Selection:** Neomycin

**Vector:** pCMV6-AC (PS100020)

**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_015399.3  
GGCACGAGGGCGCCTACGGGAGTCCGGCGCAGCAGCTGGTACCGCAACCACGGGCAGC  
TCTCAGGGAATCTCCGTCTGAGGCCAGAGGCTCCAGTCCCCGGAGTCCAGATGCCTGT  
CCAGCCTCCAAGCAAAGACACAGAAGAGATGGAAGCAGAGGGTGATTCTGCTGCTGAGAT  
GAATGGGGAGGAGGAAGAGAGTGAAGGAGGAGCGGAGCGGCAGCCAGACAGAGTCAGAAGA  
GGAGAGCTCCGAGATGGATGATGAGGACTATGAGCGACGCCGAGCGAGTGTGTCAGTGA  
GATGCTGGACCTAGAGAAGCAGTTCTCGGAGCTAAAGGAGAAGTTGTTACAGGAAACGACT  
GAGTCAGCTGCGGTTGCGGCTGGAGGAAGTGGGGGCTGAGAGAGCCCCTGAATACACGGA  
GCCCTTGGGGGGCTGCAGCGGAGCCTCAAGATTCGATTTCAGGTGGCAGGGATCTACAA  
GGGCTTCTGTCTGGATGTGATCAGGAATAAGTACGAATGTGAGCTGCAGGGAGCCAAACA  
GCACCTGGAGAGTGAGAAGCTGCTGCTCTATGACACGCTGCAGGGGAGCTGCAGGAGCG  
GATCCAGAGGCTGGAGGAGGACCGCCAGAGCCTGGATCTCAGCTCTGAATGGTGGGACGA  
CAAAGTGCACGCCAGAGGAGCAGCTCCAGGCTTGGGACTCCCTGCCGCCAGCAAGAGGAA  
GAAGGCACCTCTGGTTTCTGGCCATACATCGTGTACATGCTTCAAGAGATCGACATCCT  
GGAGGACTGGACAGCCATCAAAAAGGCTAGGGCAGCTGTGTCCCCTCAGAAGAGAAAAATC  
GGATGGACCTTGACCCTGCTGTTACAGCCAGGGGACCCTCAGAGCAGCTGGCACTGCA  
CCCAGGATTCTCGTCTTCTCCTGCAGACAGGCGGACCCACAGGCCCTCAGGGTCTGCC  
CAGCCAGGCTCCTGTGGTCTGTGGCCCTCCCCTCCACTCCATCTGGCACTGGCCTGGACTC  
CTCCTCTGCCCTCCTCGAGGCCTGCACAGCTGTGGCCGTGGAGCTGACCTGACCAGGCAA  
GGCTGCTGTCTCCATCCCTGAGCCGCTGCCACCTCCCCTCCTGAAGATCCATCTCTTG  
GGCTCCCCTGACAGAGAAGACAGCCGAAGTCAAAGCCACATCCTCTTGCTGATGTTGGA  
TGCAGGCTGTCCGGCCTCAGGGCCAGGGAGCCAGTTTCCACTGTGCGGGAACCTCTGAGTC  
AGACGTGATTATCTGGGGTCTGTCCACCCTGGCTGGATCTGGAGGCAAGATGCCAGGCC  
CCCCAGGTGTTCTCAGGGCAGTTCTTGGTGTCTGCTTCTCAGATTCCAAGGACTGGAATT  
AAAACCTTCTGGGAAA  
AAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_015399
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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="#">NM_015399.3</a></u> , <u><a href="#">NP_056214.1</a></u>
<b>RefSeq Size:</b>	1455 bp
<b>RefSeq ORF:</b>	741 bp
<b>Locus ID:</b>	25855
<b>UniProt ID:</b>	<u><a href="#">Q9HCU9</a></u>
<b>Cytogenetics:</b>	11q13.2
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest and more abundant transcript and encodes isoform (1).</p>