

Product datasheet for **SC125940**

BRMS1 (BC009834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRMS1 (BC009834) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRMS1
Synonyms:	breast cancer metastasis-suppressor 1; breast cancer metastasis suppressor 1; DKFZp564A063
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC009834 edited

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GCGCCTACGGGAGTCCGGCGGCAGCAGCTGGTACCGGCAACCACGGGCAGCTCTCAGGGA
ATCTCCGTCGTGAGGCCAGAGGCTCCAGTCCCCGCGAGTCCAGATGCCTGTCCAGCCTCC
AAGCAAAGACACAGAAGAGATGGAAGCAGAGGGTGATTCTGCTGAGATGAATGGGGA
GGAGGAAGAGAGTGAAGGAGCGGAGCGGCAGCCAGACAGAGTCAAGAGAGGAGAGCTC
CGAGATGGATGATGAGGACTATGAGCGACGCCGAGCGAGTGTGTCAGTGAGATGCTGGA
CCTAGAGAAGCAGTTCTCGGAGCTAAAGGAGAAGTTGTTTCAGGGAACGACTGAGTCAGCT
GCGGTTGCGGCTGGAGGAAGTGGGGGCTGAGAGAGCCCCTGAATACACGGAGCCCCTTGG
GGGGCTGCAGCGGAGCCTCAAGATTCGCATTTCAGGTGGCAGGGATCTACAAGGGCTTCTG
TCTGGATGTGATCAGGAATAAGTACGAATGTGAGCTGCAGGGAGCCAAACAGCACCTGGA
GAGTGAGAAGCTGCTGCTCTATGACACGCTGCAGGGGAGCTGCAGGAGCGGATCCAGAG
GCTGGAGGAGGACCGCCAGACCTGGATCTCAGCTCTGAATGGTGGGACGACAAACTGCA
CGCCAGAGGCAGCTCCAGGTCTTGGGACTCCCTGCCGCCAGCAAGAGGAAGAAGGCACC
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TTGACCTGCTGTTACAGCCAGGGGGACCCTCAGAGCAGCTGGCACTGCACCCAGGATT
CTCGTCTTCTCCTGCAGACAGGCGGACCCACAGGCCCTCAGGGTCTGCCAGCCAGGC
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CCTCCTCGAGGCTGCACAGCTGTGGCCGTGGAGCTGACCTGACCAGGCAAGGCTGCTGT
CTCCATCCCTGAGCCGCTGCCACCTCCCACTCCTGAAGATCCATCTCTTGGGGTCCCC
TGACAGAGAAGACAGCCGAAGTCAAAGCCACATCCTCTTGCTGATGTTGGATGCAGGCTG
TCCGGCCTCAGGGCCAGGGAGCCAGTTTCCACTGTGCGGAACTCTGAGTCAGACGTGAT
TATCTGGGGTCTGTCCACCCTGGCTGGATCTGGAGGCAAGATGCCAGGCCCCCAAGGTG
TTCTCAGGGCAGTTCTTGGTGTCTGCTTCTCAGATTCCAAGGACTGGAATTAACCTTT
CCTGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009834 unedited NCCCGTTCAGAATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGCGC CTACGGGAGTCCGGCGGCAGCAGCTGGTACCGCAACCACGGGCAGCTCTCAGGGAATCT CCGTCGTGAGGCCAGAGGCTCCAGTCCCCGCGAGTCCAGATGCCTGTCCAGCCTCCAAGC AAAGACACAGAAGAGATGGAAGCAGAGGGTGATTCTGCTGCTGAGATGAATGGGGAGGAG GAAGAGAGTGAGGAGGAGCGGAGCGGCAGCCAGACAGAGTCAGAAGAGGAGAGCTCCGAG ATGGATGATGAGGACTATGAGCGACGCCGCGAGTGTGTGTCAGTGAGATGCTGGACCTA GAGAAGCAGTTCTCGGAGCTAAAGGAGAAGTTGTTTCAGGGAACGACTGAGTCAGCTGCGG TTGCGGCTGGAGGAAGTGGGGGCTGAGAGAGCCCCTGAATACACGAGCCCTTGGGGGG CTGCAGCGGAGCCTCAAGATTTCGATTTCAGGTGGCAGGGATCTACAAGGGCTTCTGTCTG GATGTGATCAGGAATAAGTACGAATGTGAGCTGCAGGGAGCCAAACAGCACCTGGAGAGT GAGAAGCTGCTGCTCTATGACACGCTGCAGGGGAGCTGCAGGAGCGGATCCAGAGGCTG GAGGAGGACCGCCAGAGCCTGGATCTCAGCTCTGAATGGTGGGACGACAACTGCACGCC AGAAGCAGCTCCAGGTCTTGGGACTCCCTGCCGCCAGCAAGAGGAAGAAAGCACCTCTG GTTTCTGGGCCATACATCGTGTACATGCTTCAAGAGATCGACATCCCTGGAAGACTGGAC AGCCATCAAAGGCTAGGGCAGCTGTGTCCCCTCAAAGAAAAAATCGATGGACCTTGAC CCTGCTGT
Restriction Sites:	Please inquire
ACCN:	BC009834
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:	BC009834.2 , AAH09834.1
RefSeq Size:	1438 bp
Locus ID:	25855
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]