

Product datasheet for **SC117089**

BRCC45 (BRE) (NM_004899) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRCC45 (BRE) (NM_004899) Human Untagged Clone
Tag:	Tag Free
Symbol:	BABAM2
Synonyms:	BRCC4; BRCC45; BRE
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004899, the custom clone sequence may differ by one or more nucleotides

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ATGTCCCAGAAAGTGGCCTTGAACCGAATATCTCCAATGCTCTCCCCTTTCATATCTAGCGTGGTCCGGA
ATGAAAAAGTGGGACTGGATGCTACAACTGTTTGAGGATAACTGACTTAAAATCTGGCTGCACATCATT
GACTCCTGGGCCCACTGTGACCGATTTAACTGCACATACCATATGCTGGAGAGACATTAAGTGGGAT
ATCATTTCATGCCCAATACCCAGAAGTGCCTCCGATTTTATCTTTGGAGAAGATGCTGAATTCCTGC
CAGACCCCTCAGCTTTGCAGAATCTTGCTCCTGGAATCCTTCAAATCCTGAATGTCTCTTACTTGTGGT
GAAGGAACTTGTGCAACAATATACCAATTCCAATGTAGCCGCCCTCCGGGAGAGCTCCCGCCTCATGTTT
GAATACCAGACATTACTGGAGGAGCCACAGTATGGAGAGAACATGGAAATTTATGCTGGGAAAAAACA
ACTGGACTGGTGAATTTTCAGCTCGTTTCCTTTTGAAGCTGCCCGTAGATTTTCAGCAATATCCCCACATA
CCTTCTCAAGGATGTAATGAAGACCCTGGAGAAGATGTGGCCCTCCTCTCTGTTAGTTTGGAGCACT
GAAGCCACCCAGGTGTACCCCAAGCTGTACTTGTCACTCGAATTGAGCATGCACTTGGAGGCTCCTCAG
CTTTCATATCCCAGCTTTTCCAGGAGGAGGATGTCTCATTGATTACGTTCTCAAGTATGCCACCTGCT
CACCAACAAGGTGCAGTACGTGATTCAAGGGTATCACAAAAGAAGAGAGTATATTGCTGCTTTTCTCAGT
CACTTTGGCACAGGTGTCGTGGAATATGATGCAGAAGGCTTTACAAAACACTCACTCTGCTGATGTGGA
AAGATTTTGTGTTTCTTGACACATTGACCTGCCTCTGTTTTTCCCTCGAGACCAGCCAACCTCACATT
TCAGTCCGTTTATCACTTTACCAACAGTGGACAGCTTTACTCCCAGGCCAAAAAATTATCCGTACAGC
CCCAGATGGGATGAAATGAAATGGCCAAAAGAGCAAAGGGATGCCAAGGGAGCAGAGATGCCTGCAGCC
CGTGGGAGCAAGTCTGGCCTTTGCAGTTGCAAAAACCTGGCTGCAAGCTGCTCCAGCCCCAGAGAACTG
GCCAAGCTCCAGAGGGCCTCCTTGAGGGCCTCAGAGGGAGAGAACTGCTCAGTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004899 unedited TTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCCTCGTGCCGAATTCGG CACGAGGCGGGGCGCGCTCGGGTACCTGTACCCACGTAGTCGCGGTTACCGATCGGA CTAAGTTCAGTGGTGATTTACAAGTCAAGTAAAAATGTCCCCAGAAGTGGCCTGAACC GAATATCTCCAATGCTCTCCCTTTTCATATCTAGCGTGGTCCGGAATGGAAAAGTGGGAC TGGATGCTACAACTGTTTGAGGATAACTGACTTAAAACTGGCTGCACATCATTGACTC CTGGGCCCAACTGTGACCGATTTAAACTGCACATACCATATGCTGGAGAGACATTAAGT GGGATATCATTTCATGCCCCAATACCCAGAAGTGCCTCCCGATTTTATCTTTGGAGAAG ATGCTGAATTCCTGCCAGACCCCTCAGCTTTGCAGAATCTTGCCTCCTGGAATCCTTCAA ATCCTGAATGTCTTACTTGTGGTGAAGGAAGTGTGCAACAATATACCAATTCGAAT GTAGCCGCTCCGGGAGAGCTCCCGCTCATGTTTGAATACCAGACATTACTGGAGGAGC CACAGTATGGAGAGAACATGAAATTTATGCTGGGAAAAAACAAGTGGACTGGTGAAT TTTCAGCTCGTTTCTTTGAGCTGCCGTAGATTTTCAGCAATATCCCCACATACCTTC TCAAGGATGTAATGAAGACCCTGGAGAAAGATGTGCCCTTCTCTGTAGTTNNTGAG GACACTGAGCCACCCAGNTGTACCCCAAGCTGACTTGNACCTCGAATTGAGCATGCAC TTGNNAGGCTCTCAGCTTATATNCCAGCTTTTCAGAAGGAGGATGCTCATTGGATTAC GTCCTCAAGTATGCACCTGCTACCNACAGGGGCCATACTGATTCAAG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004899 unedited GACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAGAGGAAGAACAGCGA GGGGCATTTAATCTTAGAACTTAAGAGGTCTCAGAGACAAAGGCTTTGGAAGAAAGGCGT GGGCATTCTGAGGCTTTACTTTCCCGGAAAATTAAGTGCACCAATTTGTGAGTTTAT TTCTTCCAATAAGAAATAGAGGCAAGAAAGAGGGAGTAACCCGAAGTGAAGGGCTCTAG GATCCAGGGACCACCAGCCAGCTCAAGTTGGATTTTCAGCAGTCGGGGTGCCTGGGGCGT GCAAAAGCTGTGTGAGCAAAACGCTGCCGTGAAGACATTCCAGGCGGCTTCCAGGAA GCGGCTGTATGTGCTGACACGCATGTGGACAGGCAGTCTGGCTGGCCACCTCTCAAGACT GGTGTTCCTAGAGCTTTCCATTGGCAAATGCTGCCTCCTGGAAGTGAAGGACAAGGTT TTGAAATAAGCCTTTGCTCTTTTGGCCATTTTCATTTCCATCCCATCTGGGGCTGTACGGA TAATTTTTTTGGGCTGGGAGTAAAGCTGTCCACTGTTGGTAAAGTGATAAACGGACTGA AATGTGAGAGTTGGCTGGTCTCGAGGGAAAAACAGAGGCAGGTCAATGTGTACAAAAAC AAAAATCTTTCCCATCAGCAGCAGAGTGAGTTTTGTAAAGCCTTCTGCATCATATTCCAC GACACCTGTGCCAAGTACTGAAAAAGCACAATTCCTCTCTTTTGGGAAACCTTG AACACCTCCTGCACCTTGTGGAAACAAGTGCATACTTGAGGAACGGAATCATGAAACTC TCTCTCCTGAAAACCTGCATATTAAGACTGGAGACCTCAAGGGCTGCTCAATTN
Restriction Sites:	NotI-NotI
ACCN:	NM_004899
Insert Size:	1780 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).
RefSeq:	NM_004899.3 , NP_004890.2
RefSeq Size:	1978 bp
RefSeq ORF:	1248 bp
Locus ID:	9577
UniProt ID:	Q9NXR7

Protein Families: Druggable Genome

Gene Summary: This gene encodes an anti-apoptotic, death receptor-associated protein that interacts with tumor necrosis factor-receptor-1. The encoded protein acts as an adapter in several protein complexes, including the BRCA1-A complex and the BRISC complex. The BRCA1-A complex possesses ubiquitinase activity and targets sites of double strand DNA breaks, while the BRISC complex exhibits deubiquitinase activity and is involved in mitotic spindle assembly. This gene is upregulated in several types of cancer. [provided by RefSeq, Jun 2016]