

Product datasheet for **SC330733**

BRCC45 (BRE) (NM_001261840) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BRCC45 (BRE) (NM_001261840) Human Untagged Clone
Tag: Tag Free
Symbol: BRCC45
Synonyms: BRCC4; BRCC45; BRE
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330733 representing NM_001261840.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCCCCAGAAGTGGCCTTGAACCGAATATCTCCAATGCTCTCCCCTTTCATATCTAGCGTGGTCCGG
 AATGGAAAAGTGGGACTGGATGCTACAACTGTTTGAGGATAACTGACTTAAATCTGGCTGCACATCA
 TTGACTCCTGGGCCCACTGTGACCGATTTAACTGCACATACCATATGCTGGAGAGACATTAAAGTGG
 GATATCATTTTCAATGCCAATACCCAGAACTGCCTCCGATTTTATCTTTGGAGAAGATGCTGAATTC
 CTGCCAGACCCCTCAGCTTTGCAGAATCTTGCCTCCTGGAATCCTTCAAATCCTGAATGTCTCTTACTT
 GTGGTGAAGGAAGTGTGCAACAATATACCAATTCCAATGTAGCCGCTCCGGGAGAGCTCCCGCCTC
 ATGTTTGAATACCAGACATTACTGGAGGAGCCACAGTATGGAGAGAACATGGAAATTTATGCTGGGAAA
 AAAACAAGTGGACTGGTGAATTTTCAAGCTCGTTTCTTTGAAGCTGCCCGTAGATTTCAAGCAATATC
 CCCACATACCTTCTCAAGGATGTAATGAAGACCTGGAGAAGATGTGGCCCTCCTCTCTGTTAGTTTT
 GAGGACACTGAAGCCACCCAGGTGTACCCCAAGCTGTACTTGTACCTCGAATTGAGCATGCACTTGGGA
 GGCTCCTCAGCTCTTCATATCCAGCTTTTCCAGGAGGAGGATGTCTCATTGATTACGTTCTCAAGTA
 TGCCACCTGCTACCAACAAGGTGCAGTACGTGATTCAAGGGTATCACAAAAGAAGAGAGTATATTGCT
 GCTTTTCTCAGTCACTTTGGCACAGGTGTCGTGGAATATGATGCAGAAGGCTTTACAAAACCTCACTCTG
 CTGCTGATGTGGAAGATTTTGTCTTGTACACATTGACCTGCCTCTGTTTTCCCTCGAGACCAG
 CCAACTCTCACATTTTCAAGTCCGTTTATCACTTTACCAACAGTGGACAGCTTTACTCCAGGCCCAAAA
 AATTATCCGTACAGCCCCAGATGGGATGGAATGAAATGGCCAAAAGAGCAAATTCAGGAGGCAGCAT
 TTGCCAATGGAAGCTCTAGGAAACACCAAGTCTGA

Restriction Sites: SgfI-MluI
ACCN: NM_001261840
Insert Size: 1140 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).



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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:	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_001261840.1</u>
RefSeq Size:	1776 bp
RefSeq ORF:	1140 bp
Locus ID:	9577
UniProt ID:	<u>Q9NXR7</u>
Cytogenetics:	2p23.2
Protein Families:	Druggable Genome
MW:	43.2 kDa
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]