

Product datasheet for **SC115918**

BRAP (NM_006768) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRAP (NM_006768) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRAP
Synonyms:	BRAP2; IMP; RNF52
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006768, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGTGTCACTGGTTGTTATCCGATTGGAGCTCGCGAACACTCGCCTGTCCCCGCGGCTTCGGCT
TCAGCGCCGCGCGGGGAAATGTCTGATGAGGAGATAAAAAAGACGACACTAGCCTCAGCTGTAGCCTG
TTTAGAAGGCAAGTCACCAGGAGAGAAAGTAGCGATTATCCATCAGCATCTCGGCCGTCGAGAAATGACA
GATGTGATCATTGAGACCATGAAGTCCAACCCAGATGAACTAAAACTACAGTGGAGAAAGGAAGTCTT
CAGAAGCCTCCCCACTGCGCAAAGAAAGTAAAGATCACAGTAAGGAATGCATAAACGCTGCCCCAGATTC
TCCGTCCAAACAGCTTCCAGACCAGATTTATTCTTCAGTGGAAATCCATCAGTTGAAATAGTTCATGGT
ATTATGCACCTATATAAGACAAAATAAGATGACCTCCTTAAAAGAAGATGTGCGGCGCAGTGCCATGCTGT
GTATTCTCACAGTCCCTGCTGCAATGACCAGTCATGACCTTATGAAGTTTGTGCCCATTTAACGAAGT
AATTGAACAAATGAAAATATCAGAGACTCTACTCCAACCAATATATGGTGTGATAAAGTTTCGTGCA
CAGGCTGATGCGGATAGTTTTATATGACATGCAATGGCCGCGAGTTCAACTCAATAGAAGATGACGTTT
GCCAGCTAGTGTATGTGAAAGAGCTGAAGTGCTCAAATCTGAAGATGGCCGCGAGCTCCAGTGATGGA
CCTGACTGAACTCCCAAGTGCACGGTGTGTCTGGAGCGCATGGACGAGTCTGTGAATGGCATCCTCACA
ACGTTATGTAACACAGCTTCCACAGCCAGTGTCTACAGCGCTGGGACGATACCAGTGTCTGTTTGCC
GGTACTGTCAAACGCCCAGCCAGTAGAAGAAAATAAGTGTGTTTGGAGTGTGGTGTTCAGGAAAATCTTTG
GATTTGTTAATATGCGGCCACATAGGATGTGGACGGTATGTCAGTCGACATGCTTATAAGCACTTTGAG
GAAACGACGACACGATGCCATGCAGCTTACCAACCATCGAGTCTGGGACTATGCTGGAGATAACTATG
TTCATCGACTGGTTGCAAGTAAAACAGATGGAAAAATAGTACAGTATGAATGTGAGGGGGATACTTGCCA
GGAAGAGAAAAATAGATGCCTTACAGTTAGAGTATTCATATTTACTAACAAGCCAGCTGGAATCTCAGCGA
ATCTACTGGGAAAAACAGATAGTTCGGATAGAGAAGGACACAGCAGAGGAAATTAACAACATGAAGACCA
AGTTTAAAGAAACAATTGAGAAGTGTGATAATCTAGAGCACAACTAAATGATCTCCTAAAAGAAAAGCA
GTCTGTGAAAGAAAGTGCAGCTCAGCTAAAACAAAAAGTGGCAAAACCTCCAACGAGCTCAAAGAGGAG
CAGGAAATGAACAAGTGTGCGAGCCAACCAAGTCTCCTGCAGAACAGCTAAAAGAGGAGGAGAGGG
TGCTGAAGGAGACCTGTGACCAAAAAGATCTGCAGATCACCGAGATCCAGGAGCAGCTGCGTGACGTCAT
GTTCTACCTGGAGACACAGCAGAAGATCAACCATCTGCCTGCCGAGACCCGCGAGGAAATCCAGGAGGGA
CAGATCAACATCGCCATGGCCTCGGCTCGAGCCCTGCCTCTTCGGGGGCGAGTGGGAAGTTGCCCTCCA
GGAAGGGCCGAGCAAGAGGGGCAAGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006768 unedited

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GTCAAATATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCCCTATGA
GTGTGTCACTGGTTGTTATCCGATTGGAGCTCGCGAACACTCGCCTGTCCCCGCGGCT
TCGGCTTCAGCGCCGCGCCGGGAAATGTCTGATGAGGAGATAAAAAAGACGACACTAG
CCTCAGCTGTAGCCTGTTTAGAAGGCAAGTCACCAGGAGAGAAAGTAGCGATTATCCATC
AGCATCTCGGCCGTCGAGAAATGACAGATGTGATCATTGAGACCATGAAGTCCAACCCAG
ATGAACTAAAACTACAGTGGAAAGAAAGTCTTCAAGCCTCCCCACTGCGCAAA
GAAGTAAAGATCACAGTAAGGAATGCATAAACGCTGCCCCAGATTCTCCGTCCAACAGC
TTCCAGACCAGATTTATTCTTTCAGTGGAAATCCATCAGTTGAAATAGTTCATGGTATTA
TGCACCTATATAAGACAAAATAAGATGACCTCCTTAAAAGAAGATGTGCGGCGCAGTGCCA
TGCTGTGATTCTCACAGTCCCTGCTGCAATGACCAGTCATGACCTTATGAAGTTTGTG
CCCCATTTAANCAGAGTATTGAACAAATGANAATTATCAGAGACTCTACTCCAACCAAT
ATATGGTGTGATAAAGTTTCGTGCACAGGCTGATGCNGATAGTTTTTATATGACATGCA
ATGGCCCGCAGTTCAACTCAATAGAAGATGACGTTTGCCAGCTAGTGTATGTGAAAGAG
CTGAAGTGCTCAAATCTGAAGATGGCGCCAGCCTCCNAGTGATGGACCTGNACTGACTCC
CCAGTGCACGGTGTGTCTGGAGCCATGGCNAGTCTGTGAATGCATCTCACACGTTATGTA
CACAGTTCACAGCCAGTGTCTACGCGCTGGGACATACACGTGTCT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006768 unedited TGACCGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTAAATTTCAAAGTTTGG CTATTTTAATTTCAATTTTCATTGTTCAAGGTAGTATGGGTATATTAAGTGGTTCATTTCCC TCCTGAAGAAACAACCTTCTGTCTGATGTGATTTTGTGAAATTCAAACATGACTCTTTGAC TGTTTAAAAAAAATTTTTTTCTTTACGTATCTTGGTAAGATTTTTTTTTTTCTGGG ACATATTTTTGTAAACCTCCAAGTAGTTTGGAAACACTTGCCTATTTGCTCATTCTCT GGGCACAGCCTTTCAGAGCATTATCCACCTGTACTGAAAAATCTGTTTTCCAGGTGG TGGTGGGGCCACTGGATAGAAGGGATCACAGAGAAATGAGGAGTGAGCGAGCTTTGTAAA CTACTTCTAATCTCTTATTAGTATGCTATGATCCACCCAGCTTCTGCAAGGTCAGAC ATGCAAGACAAGTACTTGGCCAAAAACAGCAGGATTCTAACTAGTGTAATAATAGATTTTA AATAAATAGAACTCTCTATAGGAAAGAGAATTAGGTTATGCTTTACATTTCCACTCTTAA GATATCTGTATATAAGTCCAAGAGAGACTCAAAGAGTTGGTCTGCCCTAAGTAAAAAT TAAGAATGTCTGAGTACATTTCTTTGCAACATTACACGTAAGTTTTTTGGGAAATGC TGCAGCACATCCACAAAAACAGATGGTGATTAGTGATACAGTTGATGTGCTAACAAGTA ACATGNTAGACATTTANGTCAAAGGGGATGAGGCCTAATTACAGGCTAAAACCTATTNCT GAATGTGATCATTNGAAACCCTGTGCTNNATATAAAGCNAAACTAAAACCTGNTGTAA ACATACATCTACTAACCTATCTCTACTCTN
Restriction Sites:	NotI-NotI
ACCN:	NM_006768
Insert Size:	3750 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:	NM_006768.2 , NP_006759.2
RefSeq Size:	2063 bp
RefSeq ORF:	1779 bp
Locus ID:	8315
UniProt ID:	Q7Z569
Cytogenetics:	12q24.12
Protein Families:	Druggable Genome

Gene Summary:

The protein encoded by this gene was identified by its ability to bind to the nuclear localization signal of BRCA1 and other proteins. It is a cytoplasmic protein which may regulate nuclear targeting by retaining proteins with a nuclear localization signal in the cytoplasm. [provided by RefSeq, Jul 2008]