

Product datasheet for **SC123617**

CCDC98 (FAM175A) (BC016905) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC98 (FAM175A) (BC016905) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC98
Synonyms:	ABRA1; abraxas protein; CCDC98; coiled-coil domain containing 98; family with sequence similarity 175, member A; FLJ11520; FLJ12642; FLJ13614
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC016905 edited
 GGGAGAGTACGTCGGCGGTGCTCTCGGGCTTTGTGCTCGGCGCACTCGCTTTCCAGCACC
 TCAACACGGACTCGGACACGGAAGGTTTTCTTCTTGGGGAAGTAAAAGGTGAAGCCAAGA
 ACAGCATTACTGATTCCTCAATGGATGATGTTGAAGTTGTTTATACAATTGATGGAGTCT
 CATTCTGTGCGCCAGACTGGAGTGAAGTGGCATGATCTCGGCTCACTGCAACCTCTGCCT
 CTCGAGGTCAAGCGATTCTCTGCCTCGGCCTCCGGAGTAGCTGGGATTACAGGCACACG
 CAACCATGCCCGGCTAATTTTTTTGTATTTTTAGTAGAGATGGGGTTTACCATTGTTGG
 CCAGGCTGGTCTCGAACTCCTGACCTCAAGTATCCTCTCACCTCGGCCTCCCAAAGTGC
 TGGGATTGCAGGCGTGAGCCACCATGCCCGGCAATGTGTATACTTTTTATTTACACAA
 ATGGGATCTTACTATATGTGCCTAATATCTCCCAAGATATCACAAGTACAGAATAGTATC
 TGTGTGTATAATTCATCACTCTTTGTTTTTTTTTTTTTTTGTAGATGAGGTCTTGCTCTTT
 CAGCCAGGCTGGAGTGTAGTGGCACAACACTGGTCACTGCAGCCTTGACCTCTGGGCT
 TAAGCAATCCTCTGCCTCAGCCTCTGTATTGCTGGGACCATAGGTATGCACCACCACG
 CCTGGCTAATTTTTATTGTTTGTAGAGACAGGTTCTCACTTTGTGCCAGGCTGGTCT
 CAAACTCTAGGCTCAAGCAATCCTCTGTATTACAAAGTGTGGATTACAGGGGTGA
 GCCACCATACTCGGCCATCATTCTTTCTGCTGGCTGCATATATCCTGTTGTATAGACGT
 ACCATAATTTTTTAACCATCTAAGAATGATTTTCTGGGTTTTTTTGTAAACATAAACAG
 TATTACCATGAACATTTAGTATTGTACATTTCTTTGTGCTGTTGAGTGTATTTGAAAG
 TCACACTCCTGGAGGTAGACTAGCTGATTGCCTTTTGGAAAACCTATGCCATTTTAGGCT
 TCTCCACAGTATAAAAAGTGCCTAGGTCCCATACTCTTTTTTTTTTTTTTTTTTGTAA
 CAGAGTCACTCTGTACCCAGGCTGGAGTGCAGTGGTGGGATCCGGCTCACTGCAAC
 CTCTGCTTCCCGGTTCAAGTGATTATCCCTGTCTCAGCCTCCCGAGTAGCTGGGATTAC
 CGGCGACTGCCACCACCCAGCCAATTTGTATTTTTAGTAGAGATGGGGCTTTGCCA
 TCTTGGCCAAGCTGGTCTCAAACACCTGACCTCAGGTGATCTGCCCGCCCTGGCCCTCCA
 AAGTGCTAGGATTACAGGCGTGAGTCAACATGCCCGGCCCATGCTCTTGCCAACACTA
 GGTATTATCAAATCTTTAATCTTTGCCAATTTGATAAGTGAAAAAATAGCATTTTAAT
 TTGCATTTCTTAATTACAAAAGAGGTTAAGTATTTTTTGTACTTTTTACTTTTTTTCT
 TGGCCATTTTCTGAAAAGGATAGGCCTATTCTTTGGCTGCATTTGACTGTTTTGCTT
 TTAGTGATTTGTAATCACATTACTTAAGGAACTGGGCTTTTGCATGTTTTATACATAT
 GCTAATACAGTTATAATTTTTTTCTGTCAATAAACACTTTAATGAGAAAAA
 AAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC016905 unedited
 GGCAGTTGGATTTGTATACGACTCATATAGGCGCCGACGATCCCGGGATATCGTCGAC
 CCACGCGTCCGGGAGAGTACGTCGGCGGTGCTCTCGGGCTTTGTGCTCGGCGCACTCGC
 TTTCCAGCACCTCAACACGGACTCGGACACGGAAGGTTTTCTTCTTGGGGAAGTAAAAGG
 TGAAGCCAAGAACAGCATTACTGATTCCTCAATGGATGATGTTGAAGTTGTTTATACAAT
 TGATGGAGTCTCATTCTGTGCGCCAGACTGGAGTGAAGTGGCATGATCTCGGCTCACTGC
 AACCTCTGCCTCTCGAGGTCAAGCGATTCTCTGCCTCGGCCTCCGGAGTAGCTGGGATT
 ACAGGCACACGCAACCATGCCCGGCTAATTTTTTTGTATTTTTAGTAGAGATGGGGTTT
 CACCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAAGTATCCTCTCACCTCGGCC
 TCCCAAAGTGCTGGGATTGCAGGCGTGAGCCACCATGCCCGGCAATGTGTATACTTTT
 TATTTACACAAATGGGATCTTACTATATGTGCCTAATATCTCCCAAGATATCACAAGTAC
 AGAATAGTATCTGTGTGATAATTCATCACTCTTTGTTTTTTTTTTTTTTTGTAGATGAGG
 TCTTGCTCTTTCAGCCAGGCTGGAGTGTAGTGGCACAACACTGGTCACTGCAGCCTTGA
 CCTCTGGGCTTAAGCATCCTCTGCCTCAGCCTCCTGTATTGCTGGGACCATANGTATG
 CACCACCACGCTGGCTAATTTTTATTGNTTGTAGAGACAGGTTCTCACTTTGNTGCCNN
 AGCTGGTCTCAAACCTTAGGCTCAAGCATCCTCTGTACATAAAAGTGTGGN

Restriction Sites: Please inquire
ACCN: BC016905

Insert Size:	1744 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:	BC016905.1 , AAH16905.1
RefSeq Size:	1744 bp
Locus ID:	84142
Cytogenetics:	4q21.23
Gene Summary:	This gene encodes a protein that binds to the C-terminal repeats of breast cancer 1 (BRCA1) through a phospho-SXXF motif. The encoded protein recruits ubiquitin interaction motif containing 1 protein to BRCA1 protein and is required for DNA damage resistance, DNA repair, and cell cycle checkpoint control. Pseudogenes of this gene are found on chromosomes 3 and 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]