

## Product datasheet for **SC321849**

### CCDC98 (FAM175A) (NM\_139076) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC98 (FAM175A) (NM_139076) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC98
Synonyms:	ABRA1; CCDC98; FAM175A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_139076.2  
 GGCGGCGGTAGCATGGAGGGGAGAGTACGTCCGGCGTCTCTCGGGCTTTGTGCTCGGC  
 GCACTCGCTTTCCAGCACCTCAACACGGACTCGGACACGGAAGTTTTCTTCTGGGGAA  
 GTAAAAGTGAAAGCAAGAACAGCATTACTGATCCCAATGGATGATGTTGAAGTTGTT  
 TATACAATTGACATTCAGAAATATATCCATGCTATCAGCTTTTTAGCTTTTATAATTCT  
 TCAGGCCAAGTAAATGAGCAAGCACTGAAGAAAATATTATCAAATGTCAAAAAGAATGTG  
 GTAGTTGGTACAAATCCGTCGTCATTAGATCAGATCAGATCAGCTTTAGAGAGAGGCTG  
 CTTCAAAAAAAGTTGAGGAGCATTTTTCAAACCAAGACCTGTTTTCTGCTATTAACA  
 CCAAGTATAATAACAGAAAGCTGCTCTACTCATCGACTGGAACATTCTTATATAAACCT  
 CAAAAAGGACTTTTTACAGGGTACCTTTAGTGGTTGCCAATCTGGGCATGTCTGAACAA  
 CTGGGTTATAAACTGTATCAGGTTCTGTATGTCCACTGGTTTTAGCCGAGCAGTACAA  
 ACACACAGCTCTAAATTTTTGAAGAAGATGGATCCTTAAAGGAGGTACATAAGATAAAT  
 GAAATGTATGCTTATTACAAGAGGAATTAAGAGTATATGCAAAAAAGTGAAGACAGT  
 GAACAAGCAGTAGATAAACTAGTAAAGGATGTAACAGATTAACGAGAAATTGAGAAA  
 AGGAGAGGAGCACAGATTCAGGCAGCAAGAGAGAACAATCAAAAAGACCCTCAGGAG  
 AACATTTTTCTTTGTGTCAGGCATTACGGACCTTTTTCAAATCTGAATTTCTTCATTCA  
 TGTGTTATGTCTTTAAAAATAGACATGTTTCTAAAAGTAGCTGTAACACAACCACCAT  
 CTCGATGTAGTAGACAATCTGACCTTAATGGTAGAACACACTGACATTCCTGAAGCTAGT  
 CCAGCTAGTACACCACAAATCATTAAAGCATAAAGCCTTAGACTTAGATGACAGATGGCAA  
 TTCAAGAGATCTCGGTTGTAGATACACAAGACAACGATCTAAAGCAGATACTGGTAGT  
 AGTAACCAAGATAAAGCATCCAAATGAGCAGCCAGAAACAGATGAAGAAATTGAAAAG  
 ATGAAGGGTTTTGGTGAATTTACGGTCTCCTACATTTTGATCCTTTAACCTTACAAG  
 GAGATTTTTTTATTTGGCTGATGGGTAAGCCAACATTTCTATTGTTTTTACTATGTTG  
 AGCTACTTGCAGTAAGTTCAATTTGTTTTACTATGTTACCTGTTTGCAGTAATACACAG  
 ATAACTCTTAGTGCATTTACTTCACAAAGTACTTTTTCAAACATCAGATGCTTTTATTTT  
 CAAACCTTTTTTACCTTTCACTAAGTTGTTGAGGGGAAGGCTTACACAGACACATTCT  
 TTAGAATTGAAAAGTGAGACCAGGCACAGTGGCTCACACCTGTAATCCCAGCACTTAGG  
 GAAGACAAGTCAGGAGGATTGATTGAAGCTAGGAGTTAGAGACCAGCCTGGGCAACGTAT  
 TGAGACCATGTCTATTAATAAATAAATGAAAAGCAAGAATAGCCTATTTTTCAAATA  
 TGGAAAGAAATTTATATGAAAATTTATCTGAGTCATTAATTTCTCCTAAGTGATACTT  
 TTTTAGAAGTACATTATGGCTAGAGTTGCCAGATAAATGCTGGATATCATGCAATAAAT  
 TTGCAAAACATCATCTAAATTTAAATTTGTCCTACATTTGTAAGTCTGCTAAATCTGGCAG  
 CCTTAATTTATTACACAACATAACACAACAAACAGTAATCTCTCCCCTAGTTTAGAGT  
 CCTTTGCATGAAATTTAGCAATCTATCATTGTAATACAGTACAAGCCTGGTAATCCAG  
 TGTATTTGGGATAGGCCAGTGGAACTCAGAAGTATACATATATACATGTATGTCTATCA  
 TATTCAATGTCTATTAGGTGTAATCATCTCTTCATGTAAAAGACACTACTGGTTTGAGG  
 GTAGACTCGTCTAGGAATTTTTGTCCTTCTGTGACAGCACCCTATCCATCCCAATGTA  
 ACATTTCTACAAAGGAAGATATCTTAACCAGGCATACTTATATTTGCTAGTTGAAAAAT  
 CATTCTGAACAGTTTTAATTCATTCTATTGAATGGATTATTGTATGAGCTATTTGGGGA  
 TCAGATATAAATGACAATCACACAGAACCCTTTTATTCAACATAGATAAAATGTGATGA  
 GTGTTAACATTTTAAATAAGCAATCTGCTTAATGGACATTGGTATGAAGGGGAAGTGTC  
 TTCTTTACCTCACTCCTCAAACACTTTTCTATCCAAAGGTTGGTTTGGAGTCAAGTATTGGC  
 ATCATACAACCCTTACTGTAATAAAGTTTATTAGTGGTAACGTGATAGAATTTATTCC  
 CGATATCTGATGTTACAAACTTTAGGGTCTTGAGATATGCAGGATCCTTGTATGTAAC  
 GGCATAAACCTGTAAGAGATAATTAAGTTCTTGACAAAACATAATGAGCAAAAAAAA  
 AAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_139076

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_139076.2</a></u> , <u><a href="#">NP_620775.2</a></u>
<b>RefSeq Size:</b>	2835 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	84142
<b>UniProt ID:</b>	<u><a href="#">Q6UWZ7</a></u>
<b>Cytogenetics:</b>	4q21.23
<b>Gene Summary:</b>	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]