

Product datasheet for **SC124451**

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:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_139076, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGGGAGAGTACGTCGGCGGTGCTCTCGGGCTTTGTGCTCGGGCGCACTCGCTTCCAGCACCTCA
ACACGGACTCGGACACGGAAGGTTTTCTTCTGGGGAAGTAAAAGGTGAAGCCAAGAACAGCATTACTGA
TTCCCAAATGGATGATGTTGAAGTTGTTTATAACAATTGACATTCAGAAATATATTCCATGCTATCAGCTT
TTTAGCTTTTATAAATCTTCAGGCGAAGTAAATGAGCAAGCACTGAAGAAAAATTTATCAAATGTCAAAA
AGAATGTGGTAGGTTGGTACAAATTCGTCGTCATTGATCAGATCAGATCATGACGTTTAGAGAGAGGCTGCT
TCACAAAAACTTGCAGGAGCATTTCACAAACCAAGACCTTGTTTTCTGCTATTAACACCAAGTATAATA
ACAGAAAGCTGCTCTACTCATCGACTGGAACATTCCTTATATAAACCTCAAAAAGGACTTTTTACAGGG
TACCTTTAGTGGTTGCCAATCTGGGCATGTCTGAACAACCTGGGTTATAAACTGTATCAGGTTCCCTGTAT
GTCCACTGGTTTTAGCCGAGCAGTACAAACACACAGCTCTAAATTTTTGAGAAGATGGATCCTTAAAG
GAGGTACATAAGATAAATGAAATGTATGCTTCATTACAAGAGGAATTAAGAGTATATGCAAAAAAGTGG
AAGACAGTGAACAAGCAGTAGATAAACTAGTAAAGGATGTAAACAGATTAACGAGAAATTGAGAAAAAG
GAGAGGAGCACAGATTCAGGCAGCAAGAGAGAAGAACATCCAAAAAGACCCTCAGGAGAACATTTTTCTT
TGTCAGGCATTACGACCTTTTTCCAAATCTGAATTTCTTCATTGATGTTATGCTTTAAAAAATA
GACATGTTTCTAAAAGTAGCTGTAACACACACCATCTCGATGTAGTAGACAATCTGACCTTAATGGT
AGAACACACTGACATTCCTGAAGCTAGTCCAGCTAGTACACCACAAATCATTAAAGCATAAAGCCTTAGAC
TTAGATGACAGATGGCAATTCAAGAGATCTCGGTTGTTAGATACACAAGACAAACGATCTAAAGCAGATA
CTGGTAGTAGTAACCAAGATAAAGCATCCAAAATGAGCAGCCAGAAAACAGATGAAGAAATTGAAAAGAT
GAAGGTTTTGTTGAATATTCACGGTCTCCTACATTTTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_139076 unedited
 CCCCCGTATATCACCCGCCCGTTGCCGCAAAGGCGGTAGGCGGTACGGTGGGAGGTCT
 ATATAAGCAGAGCTCATTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAG
 CGGCCCGGAATTCGGCACGAGGCGTCCGGCGGTCTCTCGGGCTTTGTGCTCGGCGCACTC
 GCTTCCAGCACCTCAACACGGACTCGGACACGGAAGTTTTCTTCTGGGGAAGTAAAA
 GGTGAAGCCAAGAACAGCATTACTGATCCCAAATGGATGATGTTGAAGTTGTTTATACA
 ATTGACATTCAGAAATATATCCATGCTATCAGCTTTTTAGCTTTTATAATTCTTCAGGC
 GAAGTAAATGAGCAAGCACTGAAGAAAATATTATCAAATGTCAAAAAGAATGTGGTAGGT
 TGGTACA AATTCGTCGTCATTAGATCAGATCATGACGTTTAGAGAGAGGCTGCTTAC
 AAAAACTGACAGGAGCATTTTTCAAACCAAGACCTTGTCTTCTGCTATTAACACCAAGT
 ATAATAACAGAAAGCTGCTCTACTCATCGACTGGAACATTCCTTATATAAACCTCAAAAA
 GGACTTCTCACAGGGTACCTTTAGTGGTTGCCAATCTGGGCATGTCTGAACAACGGGT
 TATAAACTGTATCANGTTCCTGTATGTCCACTGGGTTTAGCCGAGCAGTACAAACACAC
 AGCTCTAAATTTTTGAAGCAAGAGGATCCTTAAAGGAGGTACATAAGATAAATGAAATG
 TATGCTTCATTACCAAGCAATAAAGAGTATATGCCAAAAATGGAAGACAGTGAACAA
 GCAGTAGATAAAGTAAAGGATGTAACCGATTAACGAGAAATTGAGAAAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_139076 unedited
 CAATTCTATGTACGCGCCGCTTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TGTCAAGAACTTAATTATCTCTTTAAGGGTTTATGCCAGTTACATACAAGGATCCTGCA
 TATCTCAAGGACCCTAAAGTTTGAACATCAGATATCGGGAATAAATTCTATCACGTTAC
 CACTAATAAACTTATTTACAGTAAGTGGTTGTATGATGCCAATACTGACTCAAACCAAC
 CTTTGGATAGAAAAGTGTGAGGAGTGAGGTAAGAATGACACTCCCCTTCATACCAA
 TGTCCATTAAGCAGATTGCTTATTTAAAATGTTAACACTCATCATTATCTATGTTG
 AATAAAAGTGGTTCTGTGTGATTGTCATTTATATCTGATCCCCAAATAGCTCATAAATA
 ATCCATTCAAATAGAAATGGAATAAAACTGTTTCAAGATGTTTTCCAAGTACAAATATAA
 GTATGCCTGGTTAAGATATCTCCCTTTGTAGAAATGTTACATGGGATGGATAGTGGTG
 CTGTCACAGAAAGACAAAATATCTTAGACGAGTCTACCTCAAACCAAGTGTGCTTTT
 ACATGAAGAGATGATTTACCTAATAGACATTGAATATGATAGACATACATGTATATAT
 GTATCAAGTCTGAGTCCACTGGCCCTATCCAAATACACTGGGATACCAAGCCTGTACTG
 GATTCAAATGATAGATTTGCTAAATTCATGCCAAGGACTCTAAACTAAGGGAGAGAATAC
 TGGTTGGGGTGGGTATAAGTGGGAATAATAAAGGCGGCCGATTTAGCCAGTCCAATGTT
 GGACAAAATAAATTTTAGATGAAGGTTTGGCAAATTATTGCAGGAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_139076

Insert Size:

2750 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_139076.1 , NP_620775.1
RefSeq Size:	2835 bp
RefSeq ORF:	2835 bp
Locus ID:	84142
UniProt ID:	Q6UWZ7
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]