

Product datasheet for **SC122451**

CCDC151 (BC014252) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC151 (BC014252) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC151
Synonyms:	coiled-coil domain containing 151; FLJ31801; MGC20983
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 BC014252 edited
 GGCACGAGGGAGACCATCAGTCAGCTCCGCAAGGAGACTAAGGCACTGGAACATAAGCTG
 CTGGACCTGCTCAAGGGAGATGAGAAAGTGGTCCAGGCAGTGATTCGCGAATGGAAGTGG
 GAGAAGCCATACCTGAAGAACAGGACAGGACAGGCCCTGGAGCACCTAGACCACCGGCTG
 AGGGAGAAGGTGAAGCAGCAGAACGCCCTGCGGCACCAGGTGGTGTTCGCGCAGAGGCGG
 CTGGAGGAGCTCCAGCTGCAGCACAGCCTGCGCCTTCTGGAGATGGCGGAGGCGCAAAAC
 AGACACACGGAGGTGGCCAAGACCATTGCGGAACCTGGAGAACCCTGGAGAAGGCCCCAG
 ATGAAGGCGCAGGAGGCCGAGCACATTACCAGCGTGTACCTGCAGCTCAAGGCCTATCTA
 ATGGACGAGAGCCTCAACTTGGAGAACCGCTGGACTCCATGGAGGCTGAGGTGGTGAAG
 ACCAAACATGAGCTGGAGGCACTGCACGTGGTGAACCAAGAGGCCCTCAATGCCCGGGAC
 ATTGCCAAGAACCAGCTGCAGTACCTAGAGGAGACCTTGGTTCGAGAGCGCAAGAAGCGG
 GAACGCTACATAAGTGAAGTGAAGAAGCGCGGAGGAGAAGAACTGGAGAACGAGCGC
 ATGGAGCGCAAGACCCACCGGAGCACCTGCTGCTACAGTCCGACGACACCATCCAGGAC
 AGCCTGCATGCCAAGGAGGAGGAGCTGCGGCAGCGCTGGAGCATGTACCAGATGGAGGTG
 ATCTTTGGCAAGGTCAAGGACGCCACTGGCACTGACGAGACGCACTCGTTGGTGCAGCGG
 TTCCTGGCCAGGGCGACACCTTCGCGCAGTTGGAGACGCTCAAGAGCGAGAACGAGCAG
 ACGTTGGTGAAGGCTGAAGCAGGAGAAGCAACAACCTGCAGCGGGAGCTGGAAGACCTCAAG
 TACTCGGGGGAGGCCACGCTGGTGAAGCAGCAAACTGCAAGCCGAGGCGCAGGAGCGT
 CTCAAGAAGGAGGAGCGGCGCACGCGGAGGCCAAGGACCAGCTGGAGCGCGCCTTGCAG
 GCGATGCAAGTGGCCAAGGACAGCCTGGAGCACCTGTCCAGCAAGCTGATCCACATCACT
 GTGGAGGACGGCCGCTTCGCGGGAAAGGAGCTGGATCCCAGGCAGATAACTATGTGCCA
 AACCTGCTGGCCCTCGTGGAGGAAAAGCTGCTGAAACTGCAGGCGCAGCTCCAGGGCCAC
 GACGTGCCAGGAGATGCTGTGCCACATCGCTAACCGGAGTTCTCGCCAGCTTAGAGGGA
 AGGCTGCCCGAATAACAACACCCGATCGCCCTGCCCTTGCCACTTCCAAGGACAAGTTT
 TTTGACGAAGAGAGTGAGGAGGAGGACAACGAGGTAGTGACCCGCGCATCACTCAAGATC
 CGTTCCAGAAATTAATCGAAAGTCAACAAGACACCGTCCGCTCTCGGAGGCTCCTAGACT
 CGTCTGACACCCACCAGGCGGCCCTTCGGAGCCCCGATCCCTCCGGGTCTAGCGCA
 GGCCCCACGGGGCCCTTCAGGGGCTGAACGCGGCCCGGACCGGGAACGGAGGCGGCCAG
 CGGCGCCCCGAGGGGAGGAAGGGCCGGCCAGACGTTCCACAGTAAATCTCCCCAGCT
 GGGTCCGCCCCGCTCAGAGTTGCGCAATAAATGTTACCGACCATGAAAAAAAAAAAAA
 AAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC014252 unedited
 NAAAGCGGGCAGATTTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGGNA
 NACCATCAGTCAGCTCCGCAAGGAGACTAAGGCACTGGAACATAAGCTGCTGGACCTGCT
 CAAGGGAGATGAGAAAGTGGTCCAGGCAGTGATTCGCGAATGGAAGTGGGAGAAGCCATA
 CCTGAAGAACAGGACAGGACAGGCCCTGGAGCACCTAGACCACCGCTGAGGGAGAAGGT
 GAAGCAGCAGAACGCCCTGCGGCACCAGGTGGTGTTCGCGCAGAGGCGGCTGGAGGAGCT
 CCAGCTGCAGCACAGCCTGCGCCTTCTGGAGATGGCGGAGGCGCAAAACAGACACACGGA
 GGTGGCCAAGACCATGCGGAACCTGGAGAACCCTGGAGAAGGCCCAGATGAAGGCGCA
 GGAGGCCGAGCACATTACCAGCGTGTACCTGCAGCTCAAGGCCTATCTAATGGACGAGAG
 CCTCAACTTGGAGAACCGCTGGACTCCATGGAGGCTGAGGTGGTGAAGACCAACATGA
 GCTGGAGGCACTGCACGTGGTGAACCAAGAGGCCCTCAATGCCCGGACATTGCCAAGAA
 CCAGCTGCAGTACCTAGAGGAGACCTTGGTTCGAGAGCGCAAGAAGCGGGAACGCTACAT
 AAGTGAGTGCAAGAAGCGCGCCGAGGAGAAGAACTGGAGAACGAGCGCATGGAGCGCAA
 GACCCACCGCAGCACCTGCTGCTACAGTCCGACGACACCATCCAGACAGCCTGCATGC
 CAAGGAGGAGAGCTGCGGCAGCGCTGGAGCATGTACCAGATGGAGGTGAATCTTTGGCAG
 GGTCAAGGACGCCACTGGCACTGACGAGACGCACTCGTTGGTGCAGGCA

Restriction Sites: Please inquire
ACCN: BC014252

Insert Size:	1745 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:	BC014252.1 , AAH14252.1
RefSeq Size:	1745 bp
Locus ID:	115948
Cytogenetics:	19p13.2
Gene Summary:	This gene encodes a protein containing coiled-coil domains. The encoded protein functions in outer dynein arm assembly and is required for motile cilia function. Mutations in this gene result in primary ciliary dyskinesia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]