

Product datasheet for **SC317151**

CCDC39 (NM_181426) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC39 (NM_181426) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC39
Synonyms:	CFAP59; CILD14; FAP59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC317151 representing NM_181426.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGTAGCGAATTCCTGGCTGAGCTGCACTGGGAGGATGGGTTCCGCATCCCGGTGGCGAACGAGGAG
AACAAAGCTACTGGAAGATCAGTTGTCAAAGCTGAAGGATGAAAGAGCAAGCTTGCAAGATGAGTTACGT
GAGTATGAAGAGCGAATTAATTCTATGACTTCTCACTTCAAAAAATGTTAAGCAAGAGCTCTCAATTACA
CAGTCTCTTTGCAAAGCAAGGGAGCGTGAGACTGAAAGTGAAAGAACATTTTAAGGCCATTGCTCAAAGA
GAATTGGGACGAGTGAAAGATGAAATTCACCGCTGGAAAATGAGATGGCTTCAATACTGGAAAAGAAA
AGTGATAAAGAAAATGGCATATTTAAAGCCACTCAAAAAATGGATGGTTTGAAATGTCAAATGAACTGG
GACCAGCAAGCATTGGAGGCTGGTTAGAAGAATCAGCTCATAAAGATAGTGATGCTCTCACTCTCCAG
AAGTATGCACAACAAGATGATAAAAAATCAGGGCACTGACTCTGCAATTAGAAAGACTAACTTTGGAA
TGTAATCAGAAAAGAAAGATACTTGACAACGAACCTACAGAGACTATAAGCGCACAGTTAGATTGGAT
AAAGCAGCACAAGATTTTCGTAAGATTCATAATGAAAGACAAGAAGCTATTAAACAATGGGAGAACACA
ATAGAACAGATGCAGAAGAGGGATGGAGACATAGATAACTGTGCTTTGGAATTAGCAAGGATAAAGCAG
GAAACGAGAGAAAAAGAAAATTTGGTTAAAGAAAAGATCAAGTTTTTGGAAAAGTGAGATTGGGAATAAC
ACAGAGTTTGAGAAAAGAATTTCTGTGGCTGATCGTAACTTTTTAAAAATGTAGAACGGCATATCAGGAC
CATGAAACTAGTAGAATTCAGCTGAAGGGTGAGCTGGATTCTTTAAAAGCCACTGTGAATAGAATTCC
AGTGATTTAGAAGCTCTGAGGAAAAATATTTCCAAGATAAAGAAGGACATTCATGAAGAAACAGCAAGG
TTACAAAAAACTAAAAATCATAATGAGATAATACAAAACAAAATTAAGGAGATAACTGAGAAAACCATG
TCTGTAGAAGAGAAAGCTACTAATTTGGAAGATATGCTAAAGGAGGAGGAAAAAGATGTGAAGGAAGTA
GATGTTCAACTGAACCTCATAAAAAGGTGTGCTGTTTAAGAAAAGCTCAGGAGTTACAGACTGAGCAATG
AAAGAAAAGCTGTTTTATCAGAAATGGAAGAACTCGTTCCTCTCTGAAACATCTCAACCATCAGTTA
CAAAAACTGGATTTTGAACCTTGAAGCAGCAAGAAATATGTACAGCCAGGATTTTACATTCAACAA
GTGGAACGGAGAAATGTCACGGTTAAAGGGAGAAATTAATTCAGAAGAAAAACAAGCGCTTGAAGCAAAA
ATTGTTGAACTTAGGAAGTCTTTGGAAGAGAAAAATCTACATGTGGCCTTTTGGAAACACAGATCAAG
AAGCTTCATAATGATCTTTATTTTATCAAGAAGGCACATAGTAAAAACAGTGATGAAAAACAGTCCCTT
ATGACCAAAATAAATGAACTAAACCTTTTCATCGACAGATCAGAGAAAGAACTTGATAAAGCCAAAGGT
TTTAAGCAGGATTTGATGATAGAGGACAATCTTTTAAAACCTGAAGTTAAGCGTACTCGAGAAATGCTT
CACAGTAAGGCAGAAGAAGTTCTTTCCCTAGAAAAAGAAAACAGCAATTATACACAGCAATGGAAGAG
CGAACTGAAGAAATCAAGGTTCAAAAACAATGCTTGCCTCACAATAAGATATGTTGATCAAGAACGG
GAAAACATAAGCACTGAGTTTCGCGAGCGGCTAAGTAAAATTGAGAAGCTGAAGAATAGATAGAAATT
CTGACTGTTGTTATGCTGCCTCCTGAAGGAGAAGAGGAGAAAAACAGGCCTATTATGTAATAAAGGCT
GCTCAAGAAAAAGAAAGAACTTCAAAGGGGAAGGTGACTGTTTGGATGCCAAGATCAACAAAGCTGAAAA
GAAATCTACGCTCTAGAAAAATACCCTTCAAGTGCTGAACAGCTGTAAACAACATTAAGCAATCTTTT
AAAAAAGTGACTCCATCTAGTGATGAGTATGAGCTAAAAATCACTAGAAGAACAAAAAGAGCTGTT
GATGAAAAATACAGATACAAAACAAGACAAATCAGAGAAGTCAAGAAGACATCCAGAGCATGAAAAAT
ACATTAGATGTTATAGAACATTTGGCAATAATGTTAAAGAAAAGTTATCAGAGAAGCAGGCTTATTCA
TTTTCAACTAAGTAAAGAAACGGAGGAGCAGAAGCCAAAAATAGAAAGAGTGACCAAAACAGTGTGCAAAA
CTCACAAGGAAATCCGCTTTTTGAAAGACACAAAAGATGAAACAATGGAAGAACAAGACATCAAACCTT
CGTGAAATGAAACAGTTTCAAAAGTTATTGATGAAATGTTAGTTGATATCATAGAAGAAAAACTGAG
ATCCGTATTATCCTTCAAACATACTTTCAACAGAGTGGGTTAGAAGTACCTACAGCTAGCACAAAAGGC
AGTCGTACAGAGCTCTAGATCTCCTTACATACTTCACTATCAGCAAGGTCATCTAGGAGTACAAGTACA
TCTACTTCTCAGTCTTCAATTAAGTACTGGAGCTTAAATCCCGGCTCCTCTTCACTAGTAGGCAGC
CCTTCTAGGCCATCTAGTGCTAGTAGTCTAGTAAATGTTAAGAGCAAAAAGAGCAGCAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN:	NM_181426
Insert Size:	2826 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).
OTI Annotation:	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.
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:	<u>NM_181426.1</u>
RefSeq Size:	3894 bp
RefSeq ORF:	2826 bp
Locus ID:	339829
UniProt ID:	<u>Q9UFE4</u>
Cytogenetics:	3q26.33
MW:	109.9 kDa
Gene Summary:	The protein encoded by this gene is involved in the motility of cilia and flagella. The encoded protein is essential for the assembly of dynein regulatory and inner dynein arm complexes, which regulate ciliary beat. Defects in this gene are a cause of primary ciliary dyskinesia type 14 (CILD14). [provided by RefSeq, Jul 2011]