

Product datasheet for **SC103290**

CCDC123 (BC032307) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC123 (BC032307) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC123
Synonyms:	coiled-coil domain containing 123; FLJ14640
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC032307, the custom clone sequence may differ by one or more nucleotides

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ATGCTCCTGGGATTTTCGGAGAGGCCGAGGAGTCATTTCAAACACATCATCCATGGCCTTTTACCTGCAG
CCAGCGTTGCTCCGAAGGCAGCTGTGCCACGCACACCTCCTCCCCGAGCCCCAACCCATCTCCAGAGAG
ACCAAGATCTGCTCTGGCAGCAGCCATTCTGGCGACAACATTGACTGGGCGGACGGTTGCTATTCTCAG
CCTCGCCAGAGGTCCCGGTCTGAGAGTGATGTGAGCAGTGTTGAACAGGACAGCTTCATCGAGCCCTATG
CCACCACCTCACAGCTGAGGCCTCGGCCAAATTGGCAGAGTGAGATGGGAAGAAGATCTTCTTTGCCATC
CTTTGAAACACTGGACTATGGGGACGAAGAGGACATTGAACTCAGCTGTCATCCAGCGGCAAGGAATTG
GGGGATGTCAGTGCCCGGAGGACAGAGGAGGCCACAGTGATGACCTGTACGCTGTGCCACACAGAAATC
AGGTGCCATTGTTACATGAGGTGAACAGTGAAGACGATGAAAATATTTCTCATCAAGATGGGTTTCCAGG
CTCCCCCTCTGCACCACAGCGGACACAACAAAAAGATGGTAAACACCCTGTTCTGAATTTAAAGGATGAA
AAACCTCCATTATGTGAGAAACCTCCACCCTCCCCAGATATAACTGGTAGAGCACGTCAAAGATATACAG
AAATAACCAGAGAAAAAGTTTGAGGCATTAAGAAGAAAAATATGGACCTAAACAATATGAATCAAAGCCT
TACCCTTGAACATAACACAATGAAACAAGCAATGAAAGAACTACAGTTAAACTTAAGGGAATGGAAAA
GAGAAGAGAAAGCTCAAAGAGGCTGAGAAGGCGTCGTACAGGAAGTTGCTGCACCTGAATTACTTTATC
TGCGAAAAAAGCTCAAGAACTGGTGGATGAAAATGATGGATTGAAAATGACTGTCCATCGTTTGAATGT
AGAAGTCAGTCGATATCAGACAAAATTCAGGCATTTGTCCAAGGAAGAGGTAACGTTTCCGATTGTGAAA
ATCAGCTTTTCAGATTTTAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC032307 unedited CACCAATTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCGGGCTTT AGGGAGTGGTCCCTGGCTGTGGATAGATCTGCTGATGAGTCCAGGCCCGGTCCATTCTC CTCGCGCTGCAAGGATGCTCCTGGGATTCGGAGAGGCCCGCAGGAGTCATTTCAAACACA TCATCCATGGCCTTTTACCTGCAGCCAGCGTTGCTCCGAAGGCAGCTGTGCCACGCACAC CTCCTCCCCGACGCCCAACCCATCTCCAGAGAGACCAAGATCTGCTCTGGCAGCAGCCA TTCTGGCGACAACATTGACTGGGCGGACGTTGCTATTCTCAGCCTCGCCAGAGGTCCC GGTCTGAGAGTGATGTGAGCAGTGTGAACAGGACAGCTTCATCGAGCCCTATGCCACCA CCTCACAGCTGAGGCCTCGGCCAAATTGGCAGAGTGAGATGGGAAGAAGATCTTCTTTGCG CATCCTTTGAAACACTGGACTATGGGGACGAAGAGGACATTGAAACTCAGCTGTCATCCA GCGGCAAGGAATTGGGGATGTCAAGTCCCGGGAGGACAGAGGAGGCCACAGTGATGACC TGACGCTGTGCCACACAGAAATCANGTGCCATTGTTACATGAGGTGAACAGTGAAGACG ATGAANATATTTCTCATCAAGATGGGTTTCCAGGCTCCCTCCTGCACCACAGTGGACAC AACAAAAAGATGGTAAACACCTGTTCTGAATTTAAAGGATGAAAACTTCATTATGTG AGAAAACTCCACCCTCCCAAGTCCACATTGTTACCAGATCTTGGGGTGTTCGTTTTCTT GTCGGAATGTCTGTGGTGCCCGTGTGCCTTTGGCTTGATTCTTGTCTTGTCTCCACGAA GATGAGAATTACCTGTNGAGCCGTCCAAGATATCCCGAATTACCCAGAAAGTTTGGGGC TTATAAGAGAAAATTGG
Restriction Sites:	NotI-NotI
ACCN:	BC032307
Insert Size:	4700 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:	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:	BC032307.1 , AAH32307.1
RefSeq Size:	1344 bp
RefSeq ORF:	1344 bp
Locus ID:	84902
Cytogenetics:	19q13.11
Gene Summary:	Required for ciliogenesis. Also plays a role in mitochondrial metabolism where it may modulate complex IV activity.[UniProtKB/Swiss-Prot Function]