

Product datasheet for **SC123193**

CCDC13 (NM_144719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC13 (NM_144719) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC13
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 NM_144719 edited
TGTGGGCAGCGCTGTCCGGCTCCGGAGGAGGTGACCTAGCCGCCGCGTCTAGAAAGGG
AGAAGTGGAGAGAGACCGCTGGCAGGATGGCAGCAGATGAAAGCTCACAGAACACCTTTG
GGCTCCAGTTCAAGGCAATGCAGGAGATGCAGCACAAACGGTTACAGAAGCAGATGGAGA
AAAAGAGGGAAAAAGAACTGAGCCTCAAAGCAGAGCTGACGACCAAGAGGAGCCCTTGG
AGGTTTCAGATGGCCTCAGCCTTCTCCACGCAGGGGAGCCAACTCGAAAAATAGCTTTG
AGAAGAGGGTGCTTGAAGATGAGATTGAACACCTTCGAAATGAGCTCAGGGAACCGTGG
ACGAGAACGGGCGATTGTATAAGCTGCTGAAGGAAAGGGACTTTGAAATCAAACACCTCA
AAAAGAAAAATAGAAGAGGACAGATTTGCCCTTACAGGGACAGCCGGTGTAGCCGGAGACG
TGGTCGCCACCAAAATTGTGGAGCTATCAAAAAAGAACCGGCTGTTGATGGCAGAATCAG
AGGGTGCAAAAACAGGGTGAAGCAGCTGACCAATCGCATCCAGGAGCTGGAGCGGGAAC
TGCAGACAGCCCTGACCAGGCTGTCAGCCAAGGGGGCCACCGACGCAGGAGCCAGCCAC
CGAGGGCCAGATGGGAGACAGAGCATTGCTGGAGACCCAGAGGTGAAGGCCCTGCAGG
ACAGGCTGGTGGCCACCAACTTGAAGATGAGTGACCTCCGAAACCAGATCCAGTCTGTGA
AGCAGGAGCTGCGGATGGCACAGAAGGTTTTGGCCAGAGAGGTTGGGGAAGACATCAACG
TTCAGCAGCTCCTATCTTCGCCAGGGACCTGGAGGGGTGCGGCTCAACAAATTCTTGTTT
TGCAGAGCAAGGTTCAAGAGCTTGAGAAGCAATTGGGCCAGGCCCGGAGCCAGTCTGCGG
GAACAGCCAGTGATGAGTTGTCTGTCTATCCAGACCAAGGAAGCTGTCCGCACAGGAGA
AAAACCTGCTGAGGATCCGCAGCCTGGAAAGGGAAAAACAGGAAGGCTTGAGAAACTTG
CCAGTGAACGGGATGTCTCCAGAGAGAGCTTGAAGAGCTAAAAAAGAAGTTCGAGGGCA
TGAGGTCTCGGAACAAGTGCTGCAAGTGAGATGAAGACCTCAAGAGTCAGATGGGAA
CCCTGGTGGTGAAGGGCCGGCATGATGACGAGCTCATCGACGCCCTCATGGACCAGCTGA
AGCAGCTACAGGAGATCCTAGGCAGCCTGAGTCTGCAGGAGGAGAAAACGCGAGTGTCCC
AGCACCACCTGGACCAGCAACTGAACAGCGAGGCTCAGCGGAGCAACAGCCTAGTCGCC
AGCTGCAGGCCATGGTAGCTGAGCGGGAGGCCAAAGTGCACAGCTGGAGATGGAGATCG
GACAACTCAATGTGCACTATCTTCGGAATAAAGGAGTGGGTGAGGGGTCCAGTGGCCGCG
AGGTGACGCCCTGCCTATACCCAGTTCTGGAGGACCCAGGCTGACCAAGTCCCCGGCT
CAGCAGGCGATCATGTTGGCAGGCTTGGATCTTCTCGCTCTGTGACCAGCCTGGGCCACA
CACTGGTGAATCTGCTCTCACGAGGCTTCCCTGCCAGTCCCCACAGGACCTCACCTA
GGTTCTCGGACTCCCCAGAACAAAAAGGCTGGCAGGCACAAGTGTGAGATCAAGGCC
TCTGGCAGGCTGCCGAGGTGGAGCGTGACCGGCTCACCGAGTTTGTCACTGTCTGCAGA
AACGGGTGGAGGAGAGCAACAGCAAGCTCCTGGAGTCAGAGAGGAAGCTGCAGGAGGAGC
GACACCGCACCGTGGTGCTGGAGCAACATCTGGAGAAGATACGCCTGGAGCCAGGGAAGG
CATCAGCTCCCAGAGAGCAGCTCCCAGGACCAAAACAGGTCTGCCCACCTCTAACAAACA
GGCACAACCCAAACCGGGAGCGAGAAGAAGGACCCATCCTTTGCCAGCTCTCCGATGTGC
CCGTGGAATCCCAATGGAAGAGCTGACAACAGGCTGGCCATCCAGGTGGAGGAGAATG
AAATGCTAAAGGCTGCCCTGGCAGTGCCCTGCGGGGAAAGGAGGAGGACTTCCGGATGT
ACCATGAGATCCTGGGCCAGGTGAAAAGTGTCTTCTGCAGGCCCTGCGGCAGCAGAAGA
CAGGCAAGCAATAGGATGACAGCCAGTGTGCGCCTGGCCGGGTGGGCAGCCTCAGGTCT
TGAGAGGATAAGACTCTGTCTGAGGACTCCATCTGCTCCGGGAAGCCAGCCAGGCGAGC
CAGCTCAACCACTTCTACCAGAAGAGGCTCCTTAAGGATGACCAAAACCAATGTCTCAGG
CCAGGAAGGCAGAAGAGAAGCCCTGGTGGGACACTGCAGGAGACCTGGGCTGGTGGGT
TACAGCAGCAGGGAGGCCAGCAGCCACTGGCAGAGGCGAGAGCTCTGGGATGGCAAGG
CGGCTGTGAATGGACAGATGCAGTCCCTCGGGCAGGTGTTTCATCGCCCTCATCCTAGGTA
CTAGCCCTGGATGTCCCATGGCTTACACACAGAAGAGCCCTTGGTTACCCTAAGTGGG
CATATCCCCCATGCCACTCAGCCCTGCCCTATCCCCTACCCCCATCCCGGCTCCATCTG
TAGCCGTCCACACCTACACAGACTTGGGGCACTATGCTCTCAACCAAGTTTGTGAGCCCA
CTCCTCAGGACACTTCTCAGGTGCAGACCTTGGACTTGTAAATAATAAAGTATTTTC
ATAACCAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144719 unedited <pre> GTGTTCTTATTTGTNATACGACTCTCTATAGGGCGGCCGATAACTTCGTATAGCATAC ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGTGTG GGCAGCGCGTGTGCGCGTCCGGAGGAGGTGACCTAGCCGCCGCGGTCTAGAAGGGAGAA GTGGAGAGAGACCGCTGGCAGGATGGCAGCAGATGAAAGCTCACAGAACACTTTGCGGCT CCAGTTCAAGGCAATGCAGGAGATGCAGCACAAACGGTTACAGAAGCAGATGGAGAAAAA GAGGGAAAAAGAACTGAGCCTCAAAAGCAGAGCTGACGACCAAGAGGAGCCCTTGAGGT TTCAGATGGCCTCAGCCTTCTCCACGCAGGGGAGCCAAACTCGAAAAATAGCTTTGAGAA GAGGGTGCTTGAAGATGAGATTGAACACCTTCGAAATGAGCTCAGGGAAACGGTGGACGA GAACGGGCGATTGTATAAGCTGTGAAGGAAAGGGACTTTGAAATCAAACACCTCANATA GAAAAAGAGAGGACAGATTTGCCTTCACAGGGACAGCCGGTGTAGCCGGAGACGTGGT CGCCACCAAAATTGTGGAGCTATCAAAAAAGAACCGGCTGTTGATGGCAGAATCAGAGGG TGCAAAAACAGGGTGAAGCAGCTGACCAATCGCATCCAGGAGCTGGAGCGGGAAGTGA GACAGCCCTGACCAGGCTGTGAGCAAGNGGGCCACCGACGCATGAGCCAAGCCACCGA GGGCCCAGATGGGAGACAGAGCATTGCTGGAGACCCAGAGTGAATGCCCTGCAGNCAGG CTGGTGGCCACCAAACTGAGATGAGTGACCTCCCGAACCCAGATCCAGTCTGTGAAAGCAG AGCTGCNGATGCACANAAGGTTTGGCCC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_144719
Insert Size:	2841 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:	<u>NM_144719.2</u> , <u>NP_653320.2</u>
RefSeq Size:	2841 bp
RefSeq ORF:	2148 bp
Locus ID:	152206
UniProt ID:	<u>Q8IYE1</u>
Cytogenetics:	3p22.1
Gene Summary:	Required for primary cilia formation and promotes the localization of the ciliopathy protein BBS4 to both centriolar satellites and cilia.[UniProtKB/Swiss-Prot Function]