

Product datasheet for **SC123204**

CCDC11 (CFAP53) (NM_145020) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC11 (CFAP53) (NM_145020) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC11
Synonyms:	CCDC11; HTX6
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_145020 edited
 AGACTTCTGCGTCGCGGAAGCGGGTCCCGCAGGTCCGCACGGTTGGGGGAAACGCGGCGG
 ACGCCGCCCGTCCCGAAGGGGACTCGAAAATGTACAGCCAGCGGTTTGGCACCCTACA
 GCGGGAGGTTAAGGGCCCCACCCCAAAGTGGTGATCGTGAGATCCAAGCCTCCTAAAGG
 CCAAGGAGCTGAGCACCATCTAGAAAAGTCCGACGCAGCCATCAGAAGCATAATGCTAT
 TTTGGCTTCCATTAAGTCAAGTGAAGTGGGATCGCTTAAAAGCTGAGTGGGACCAGCACAA
 TGACTTCAAGATTTTGGACAGCCTTGTGCGAGCAAGAATCAAGGATGCTGTGCAAGGGTT
 TATCATTAAACATTGAAGAAAGACGAAAATAGCTACGTGAGCTTTTAGCATTAGAAGAAAA
 TGAGTATTTTACAGAAATGCAATTGAAGAAAGAAACCATTGAGGAGAAAAAAGATAGGAT
 GAGAGAGAAAATAAATTAATAAAAGAGAAGAATGAAAAAGAGAGGCAGGATTTTGTGGC
 TGAAGAGCTAGACCAGCAATTCAGGGAACGCTGTGAGGAGCTCCGTGTTGAATTGTATC
 TATCCATCAGAAGAAGGTGTGTGAGGAGCGAAAGCACAGATTGCATTTAATGAGGAGCT
 GAGCAGGCAAAAGCTGGTGAAGAGCAGATGTTCTCAAACCTCTGGGAGGAAGACCGATT
 AGCCAAGGAAAAGCGAGAAGCCCAAGAGGCGAGGAGACAGAAAGAGCTGATGGAGAACAC
 ACGCCTGGGGCTGAATGCCAGATCACCAGCATCAAGGCACAAAGGCAGGCGACACAGCT
 GCTGAAGGAAGAGGAGGACGCCTTGTGAAAAGTAAACAAGCACAGATTAAACATGAGAA
 TGAACAGGATATGCTAAAGAAAACAGAAGGCAAAGCAGGAAAATAGGACCATTTTAAAAA
 AGCCCTACAAGAGAGGATAGAACATATTCAGCAGGAATACAGAGACGAACAGGACTTGAA
 CATGAAGCTCGTGCAAGGGCCCTTCAAGACTTACAGGAAGAGGCAGATAAAAAGAAAACA
 AAAAAGAGAAGATATGATAAGAGAACAGAAGATATACCATAAATATTTGGCACAGAGACG
 TGAGGAAGAAAAAGCTCAGGAGAAAAGATTTGACAGAATATTAGAGGAAGACAAGGCAAA
 GAAGTTGGCTGAGAAGGACAAGGAGCTGAGACTTGAAGGAGGCAAGGAGACAGCTTGT
 GGATGAGGTCATGTGTACAAGAAAATCAAGTTCAAGAAAAGTTGCAACGAGAAGCTAA
 AGAACAGGAAGAACGTGCTATGGAACAGAAACACATAAATGAAAAGTCTTAAAGAAGCTTAA
 CTGTGAAGAGAAGGAGAATTTTCAAGACGCAACGTTTAGCCAGGAGTACAGGAAGCA
 ACTTCAGATGCAATCGCCTACCAGCAGCAGTCCCAAGAAGCAGAGAAGGAAGAGAAAACG
 CCGAGAGTTTGAAGCAGGTGTAGCAGCAAAACAGATGTGTTTGGACAAGTCCAGGAGGT
 CCTGTCCACCCATCAAGTGTGCCTCAAAACATTCATCCCATGCGCAAGGCATGCCCCAG
 TAAGCTTCCACCGTAGTCCGTGAGCATCAATATATCTTTTCTTGGTCTTTTAATATTTT
 TAACTACAGTATGCTTGTATGCTTCTTTTAACTCCTGGATAAACTTTTCTTTTTCCCTG
 AGTTTGTGTAATTAATTGAACATAATTTTCTTCTTTGAATAAACCTGTGCCTATTTTGG
 AGTTCACAGACTTACAAATCCAAAAAAGAAAAAACA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_145020 unedited
 GTAACGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCATAACTTCGTATAGCATA
 ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGAGA
 CTTCTGCGTCGCGGAAGCGGGTCCCGCAGGTCCGCACGGTTGGGGGAAACGCGCGGAGC
 CCGCCCGCTCCCGAAGGGACTCGAAAATGTACAGCCAGCGGTTTGGCACCCTACAGCGG
 GAGGTTAAGGGCCCCACCCCAAAGTGGTGATCGTGAGATCCAAGCCTCCTAAAGGCCAA
 GGAGCTGAGCACCATCTAGAAAAGTCCGACGCAGCCATCAGAAGCATAATGCTATTTTGG
 GCTTCCATTAAGTCAAGTGAAGTGGGATCGCTTAAAAGCTGAGTGGGACCAGCACAATGAC
 TGCAAGATTTTGGACAGCCTTGTGCGAGCAAGAATCAAGGATGCTGTGCAAGGGTTTATC
 ATTAACATTGAAGAAAGACGAAAATAGCTACGTGAGCTTTTAGCATTAGAAGAAAATGAG
 TATTTTACAGAAATGCAATTGAAGAAAGAAACCATTGAGGAGAAAAAAGATAGGATGAGA
 GAGAAAATAAATTAATAAAAGAGAAGAATGAAAAAGAGAGGCAGGATTTTGTGGCTGAN
 AAGCTAGACCAGCAATTCAGGGAACGCTGTGAGGAGCTCCGTGTTGAATTGTTATCTATC
 CATCANAAAGAAAGTGTGTGAGGAGCCGGAAGCACAGATTGCATTTAAGGAGGAGCTGAGC
 CAGCAAAAGCTGGTGGGAAGACCAGATGTTCTCAAACCTCTGGGAGGAAAACCGATTAAAC
 CCAAGAAAAGCGAAGAGCCCAAGAGCCGAGAGACAGAAAG

Restriction Sites: Please inquire
ACCN: NM_145020

Insert Size:	1844 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:	<u>NM_145020.2</u> , <u>NP_659457.1</u>
RefSeq Size:	1839 bp
RefSeq ORF:	1200 bp
Locus ID:	220136
UniProt ID:	<u>Q96M91</u>
Cytogenetics:	18q21.1
Gene Summary:	This gene belongs to the CFAP53 family. It was found to be differentially expressed by the ciliated cells of frog epidermis and in skin fibroblasts from human. Mutations in this gene are associated with visceral heterotaxy-6, which implicates this gene in determination of left-right asymmetric patterning. [provided by RefSeq, Aug 2015]