

Product datasheet for **SC317862**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317862 representing NM_145020.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTACAGCCAGCGGTTTGGCACCGTACAGCGGGAGGTTAAGGGCCCCACCCCCAAAGTGGTGATCGTG
AGATCCAAGCCTCCTAAAGGCCAAGGAGCTGAGCACCATCTAGAAGAATCCGACGCAGCCATCAGAAG
CATAATGCTATTTTGGCTTCCATTAAGTCAAGTGAGCGGGATCGCTTGAAGCTGAGTGGGACCAGCAC
AATGACTGCAAGATTTTGGACAGCCTTGTGCGAGCAAGAATCAAGGATGCTGTGCAAGGTTTATCATT
AACATTGAAGAAAGACGAAATAAGCTACGTGAGCTTTTAGCATTAGAAGAAAATGAGTATTTTACAGAA
ATGCAATTGAAGAAAGAAACCATTTGAGGAGAAAAAGATAGGATGAGAGAGAAAATAAATTACTAAAA
GAGAAGAATGAAAAGAGAGGCAGGATTTTGTGGCTGAAAAGCTAGACCAGCAATTCAGGGAACGCTGT
GAGGAGCTCCGTGTTGAATTGTTATCTATCCATCAGAAGAAGGTGTGTGAGGAGCGGAAAGCACAGATT
GCATTTAATGAGGAGCTGAGCAGGCAAAAGCTGGTGAAGAGCAGATGTTCTCAAACCTCTGGGAGGAA
GACCGATTAGCCAAGGAAAAGCGAGAAGCCAAGAGGCGAGGAGACAGAAAGAGCTGATGGAGAACACA
CGCTGGGGCTGAATGCCAGATCACCAGCATCAAGGCACAAAGGCAGGCGACACAGCTGCTGAAGGAA
GAGGAGGCACGCCTTGTGAAAAGTAACAACGCACAGATTAACATGAGAATGAACAGGATATGCTAAAG
AAACAGAAGGCAAGCAGGAAACTAGGACCATTTTCAAAAAGCCCTACAAGAGAGGATAGAACATATT
CAGCAGGAATACAGAGACGAACAGGACTTGAACATGAAGCTCGTGCAAAGGGCCCTTCAAGACTTACAG
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GAGGTCATGTGTACAAGAAAACCTCAAGTTCAAGAAAAGTTGCAACGAGAAGCTAAAGAACAGGAAGAA
CGTGCTATGGAACAGAAACACATAAATGAAAGTCTTAAAGAACTTAACTGTGAAGAGAAGGAAATTTT
GCAAGACGCCAACGTTTAGCCCAGGAGTACAGGAAGCAACTTCAGATGCAAAATCGCTACCAGCAGCAG
TCCAAGAAGCAGAGAAGGAAGAAAACGCCGAGAGTTTGAAGCAGGTGTAGCAGCAAACAGATGTGT
TTGGACAAGGTCCAGGAGGTCTGTCCACCATCAAGTGTGCTCAAACATTCATCCCATGCGCAAG
GCATGCCCCAGTAAGCTTCCACCGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_145020

Insert Size: 1545 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:

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: [NM_145020.4](#)

RefSeq Size: 1864 bp

RefSeq ORF: 1545 bp

Locus ID: 220136

UniProt ID: [Q96M91](#)

Cytogenetics: 18q21.1

MW: 61.8 kDa

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]