

Product datasheet for **SC337450**

CCDC108 (CFAP65) (NM_001278295) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC108 (CFAP65) (NM_001278295) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP65
Synonyms:	CCDC108; SPGF40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001278295, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACGGCAATATGGAGGCGATCTTACATTTCTTTGATTTTCATCTGAACGTCCAGTTCACAATTGGA
GAGGCAAGAGTGTTCAGAAGAAACAAGCAGAGAGTAAAAGCCAGATAAAGCTCCATACTCAGAGTGTCC
CTTTGGACTGTGTCCCAAGGACATGATGCTCACCCAGGCTCCAAGCTCCGTCGTGAGGTCCAGGAACAGC
AGGAACCACACCGTGAACCTCTGGTGGATCCTGCCTGAGTGCCAGCACAGTGGCCATCCCTGCCATCAACG
ACAGCAGTGCAGCCATGAGTGCCTGCAGCACCATCAGCGCCCAGCCCGAAGCTCCATGGACACTCAGAT
GCACTCCCAAGAAGCAGGAGAGAGTGAACAAGAGGGTCATCTGGGGCATTGAGGTGGCTGAGGAGCTG
CATTGAAAGGCTGGGAGCTAGGAAAGGAGACCACAAGGAATCTGGTTCTGAAAAATCGATCCTTGAAC
TCCAGAAGATGAAGTACAGGCCCCCAAGACCAAGTTCTTCTTACGGTCATCCCTCAGCCCATCTTCT
GAGCCCAGGCATAACCTCACGCTCCCCATCGTCTTCCGGCTCTGGAGGCGAAGGAGTACATGGACCAG
CTGTGGTTTGAGAAAGCGGAGGGGATGTTCTGTGTGCGCTACGGGCCACCCTGCCCTGCCACAGGCTGA
TCTGCCGCCACCATCCCTGCAGCTGCCATGTGTGCTGTGGGAGATACGACTGAGGCCTTTTTCTGCCT
GGATAATGTGGGGACCTGCCACCTTCTTACCTGGGAGTTCTCCAGCCATTCCAGATGCTGCCCGCC
ACGGGGCTCCTGGAGCCAGGCCAGGCCCTCTCAGATCAAGGTGACCTTTCAGCCCTTACAGCCGTACAT
ACGAGGTGCAGGCCACGTGCTGGTACGGGGCGGGCAGCCGGCAGAGGAGCAGCATCCAGTGCAGGCTGT
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CAGAAGCTGTTGTACTTTGGCTCTGTTGCTGTGGGCTGCACCTCGGAGAGGCAGATCAGGCTACACAACC
CGTCCGGCGGTAATGCCCTTCCAGGATTGAAATTTCCCGGATGAAGTGGCCGAAGACCAGGCCCTTCTC
ATGCCCCACGGCCATGGCATCGTCTTCCGGGAGAGAAGAAATGTGTGTCGGTGTCTTCCACCCCAAG
ACTCTGGACACCAGAAGTGTGGACTACTGCTCCATCATGCCTTCTGGCTGTGCCTCAAGACCCTGTCTTA
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CCTTGGGAGCGCTCCGAGCAGCCCTGTGGATTGAGAACCAATCGGACTGCACGGCCCACTTCCAGTTT
GCCATCGACTGCTTGGAGAGTGTCTTTACCATCAGGCCTGCCTTTGGGACGCTGGTGGGCAAGGCCCGTA
TGACCCTGCACTGTGCCTTCCAGCCCACTACCCCATCATCTGCTTTCGGCGTGTGGCCTGTCTCATCCA
CCACCAGGACCCACTGTTCTGGACCTGATGGGACCTGCCACTCGGACAGCACAAGCCAGCCATCCTG
AAGCCTCAGCACCTCACCTGGTACCGCACACACCTGGCCCGGGCCTGACGCTTACCCCTGACATCC
TGGATGCCATGCTGAAGGAGAAGAAGCTGGCACAGGACCAGAACGGGGCTCTCATGATCCCATCCAGGA
TCTGGAGGACATGCCGGCCCGCAGTACCCTTATATCCCCCATGACCGAGTTCTTCTCGACGGCACC
AGCGACATAAACCATTTCCCCCGCCCATCAGTGTAGAGCCTGTGAGGTAGACTTCGGTGCCTGCCAG
GGCCTGAGGCCCAACCTGTACCCCTGTGCCTGATGAACCACACCAAGGGCAAGATCATGGTGGTCTG
GACGCGAAGGTCTGACTGCCCTTCTGGGTGACTCCAGAGAGCTGCGACGTGCCCCCACTCAAGTCCATG
GCCATGCGCTGCACTTCCAGCCGCTCACCCAACTGCCTTTACACGGTGGAGCTCGAAGCCTTCGCCA
TCTATAAGGTGTGTGCACGCAATGAGAGGGAGGAATGCGGGTCTCTGCTAGGAGCCTGAGTGGCTTGGT
GGGGTGGCAGGAAGTACCGAGGGCAGCTTCCAGCTCCATCCTCTGCGTGCCAGGCTTCTCTTGGCTGG
ACAGTGACCCCTATGAGTTTGTCTCTCCAAAGCTCCTGGCTAG
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001278295

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: [NM_001278295.1](#), [NP_001265224.1](#)

RefSeq Size: 3336 bp

RefSeq ORF: 2355 bp

Locus ID: 255101

Cytogenetics: 2q35

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene has putative coiled-coil domains and may be a transmembrane protein. The chicken ortholog of this gene is involved in the Rose-comb mutation, which is a large chromosome inversion, resulting in altered comb morphology and defects in sperm motility. [provided by RefSeq, Aug 2016]
Transcript Variant: This variant (3) contains multiple differences in the UTRs and coding region, including the lack of multiple 3' coding exons, compared to variant 1. It initiates translation at an alternate upstream start codon. The encoded isoform (3) is shorter than isoform 1 and has distinct N- and C-termini.