

Product datasheet for **SC337327**

CCDC108 (CFAP65) (NM_001278296) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC108 (CFAP65) (NM_001278296) 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)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001278296, the custom clone sequence may differ by one or more nucleotides

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ATGATGCTCACCCAGGCTCCAAGCTCCGTCGTGAGGTCCAGGAACAGCAGGAACCAACCCGTAACCTCTG
GTGGATCCTGCCTGAGTGCCAGCACAGTGGCCATCCCTGCCATCAACGACAGCAGTGCAGCCATGAGTGC
CTGCAGCACCATCAGCGCCAGCCGCAAGCTCCATGGACACTCAGATGCACTCCCCAAAGAAGCAGGAG
AGAGTGAACAAGAGGGTATCTGGGGCATTGAGGTGGCTGAGGAGCTGCATTGGAAGGCTGGGAGCTAG
GAAAGGAGACCACAAGGAATCTGTTTCTGAAAAATCGATCCTTGAAGTCCAGAAGATGAAGTACAGGCC
CCCCAAGACCAAGTTCTTCTTACGGTCACTCCCTCAGCCCATCTTCTGAGCCAGGCATAACCCCTCAGC
CTCCCCATCGTCTTCCGGCCTCTGGAGGCGAAGGAGTACATGGACCAGCTGTGGTTTGGAGAAAGCGGAGG
GGATGTTCTGTGTCGGCCTACGGGCCACCCTGCCCTGCCACAGGCTGATCTGCCGCCACCATCCCTGCA
GCTGCCCATGTGTGCTGTGGGAGATACGACTGAGGCCTTTTTCTGCCTGGATAATGTGGGGGACCTGCC
ACCTTCTTCACTGGGAGTTCTCCAGCCATTCCAGATGCTGCCCGCCACGGGGCTCTGGAGCCAGGCC
AGGCCTCTCAGATCAAGGTGACCTTTAGCCCTTACAGCCGTCATCTACGAGGTGCAGGCCACGTGCTG
GTACGGGGCGGGCAGCCGGCAGAGGAGCAGCATCCAGCTGCAGGCTGTGGCCAAGTGCGCCCAGCTGCTG
GTGAGCATAAAGCACAAGTGCCCGGAGGACCAGGATGCCGAGGGCTTCCAGAAGCTGTTGTACTTTGGCT
CTGTTGCTGTGGGCTGCACCTCGGAGAGGCAGATCAGGCTACACAACCCGTGGCGGTAATGCCCCCTT
CAGGATTGAAATTTCCCGGATGAACTGGCCGAAGACCAGGCCTTCTCATGCCCCACGGCCCATGGCATC
GTGCTTCCGGGAGAGAAGAAATGTGTGCGGTGTTCTTCCACCCCAAGACTCTGGACACCAGAAGTGTGG
ACTACTGCTCCATCATGCCTTCTGGCTGTGCCTCCAAGACCCTGCTTAAAGTCGTTGGTTTCTGTAGAGG
CCCTGCTGTGTCCTGCAGCACTACTGTGTCAACTTCAGCTGGTCAACCTTGGGGAGCGCTCCGAGCAG
CCCTGTGGATTGAGAACCAATCGGACTGCACGGCCCACTTCCAGTTTGGCCATCGACTGCTTGGAGAGTG
TCTTTACCATCAGGCCTGCCTTTGGGACGCTGGTGGGCAAGGCCGATGACCCTGCACTGTGCCTTCCA
GCCCACTACCCCATCATCTGCTTTCGGCGTGTGGCCTGTCTCATCCACCACCAGGACCCACTGTTCTGTG
GACCTGATGGGGACCTGCCACTCGGACAGCACCAAGCCAGCCATCCTGAAGCCTCAGCACCTCACCTGGT
ACCGCACACACCTGGCCCGGGCCTGACGCTCTACCCCTGACATCCTGGATGCCATGTGAAGGAGAA
GAAGCTGGCACAGGACCAGAACGGGCTCTCATGATTCCCATCCAGGATCTGGAGGACATGCCGGCCCCG
CAGTACCCTTATATCCCCCATGACCGAGTCTTCTTTCGACGGCACCAGCGACATAACCATCTTCCCCC
CGCCCATCAGTGTAGAGCTGTGAGGTAGACTCGGTGCCTGCCAGGGCTGAGGCCCAACCTGT
ACCCCTGTGCTGATGAACCACCAAGGCAAGATCATGGTGGTCTGGACGCGAAGGTCTGACTGCCCC
TTCTGGGTGACTCCAGAGAGCTGCGACGTGCCCCCACTCAAGTCCATGGCCATGCCCTGCACCTCCAGC
CGCCTACCCCAACTGCCTTTACACGGTGGAGCTCGAAGCCTTCGCCATCTATAAGGTGTGTGCACGCAA
TGAGAGGGAGGAATGCGGGTCTCTGCTAGGAGCTGAGTGGCTTGGTGGGTGGCAGGAAGTGACCGAG
GGCAGCTTCAAGCTCCATCCTCTGCGTGCCAGGCTTTCTTGGCTGGACAGTGACCCCTATGAGTTGT
CTCCTCCAAGCTCCTGGCTAG
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001278296

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_001278296.1](#), [NP_001265225.1](#)

RefSeq Size: 3287 bp

RefSeq ORF: 2193 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 (4) 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 a downstream in-frame start codon. The encoded isoform (4) is shorter than isoform 1 and has a shorter N-terminus and a distinct C-terminus.