

## Product datasheet for **RG239556**

### CCDC108 (CFAP65) (NM\_001278295) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC108 (CFAP65) (NM_001278295) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC108
Synonyms:	CCDC108; SPGF40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG239556 representing NM\_001278295.  
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAGACGGCAATATGGAGGCGATCTTACATTTCTTTGATTTTCATCTGAACGTCCAGTTCACAATTGG
AGAGGCAAGAGTGTTCAGAAGAAACAAGCAGAGAGTAAAAGCCAGATAAAGCTCCATACTCAGAGTGCT
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AGCAGGAACACACCGTGAACCTCTGGTGGATCCTGCCTGAGTGCCAGCACAGTGCCATCCCTGCCATC
AACGACAGCAGTGCAGCCATGAGTGCCTGCAGCACCATCAGCGCCAGCCCGCAAGCTCCATGGACT
CAGATGCACTCCCAAAGAAGCAGGAGAGAGTGAACAAGAGGGTTCATCTGGGGCATTGAGGTGGCTGAG
GAGCTGCATTGAAAGGCTGGGAGCTAGGAAAGGAGACCACAAGGAATCTGGTTCTGAAAAATCGATCC
TTGAAACTCCAGAAGATGAAGTACAGGCCCCCAAGACCAAGTTCTTCTCACGGTCATCCCTCAGCCC
ATCTTCTGAGCCAGGCATAACCCTCACGCTCCCATCGTCTTCCGGCCTCTGGAGCGAAGGAGTAC
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CACAGGCTGATCTGCCGCCACCATCCCTGCAGCTGCCCATGTGTGCTGTGGGAGATACGACTGAGGCC
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GATGCCGAGGGCTTCCAGAAGCTGTTGTACTTTGGCTCTGTTGCTGTGGGCTGCACCTCGGAGAGGCAG
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TGCACGGCCCACTTCCAGTTTGGCATCGACTGCTTGGAGAGTGTCTTTACCATCAGGCCTGCCTTTGGG
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CTTTACACGGTGGAGCTCGAAGCCTTCGCCATCTATAAGGTGTGTGCACGCAATGAGAGGGAGGAATGC
GGGGTCTCTGCTAGGAGCCTGAGTGGCTTGGTGGGGTGGCAGGAAGTGACCGAGGGCAGCTTCAGGCTC
CATCCTCTGCGTGCCAGGCTTTCTTGGCTGGACAGTGACCCCTATGAGTTTGTCTCTCCAAGACTC
CTGGCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
```

**Protein Sequence:** >Peptide sequence encoded by RG239556  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

METAIWRRSYISLISSERPVHNWRGKSVQKKQAESKSQIKLHTQSAPFGLCPKDMMLTQAPSSVVRSRN
SRNHTVNSGGSCLSASTVAIPAINDSSAAMSACSTISAQPASSMDTQMHSPPKQERVNKRVIWGIEVAE
ELHWKGWELGKETTRNLVLKNRSLKLQMKYRPPKTKFFFTVIPQPIFLSPGITLTLPIVFRPLEAKEY
MDQLWFEKAEGMFCVGLRATLPCHRLICRPPSLQLPMCAVGDTEAFFCLDNVGDLPFFFWEFSSPFQ
MLPATGALLEPGQASQIKVTFQPLTAVIYEVQATCWYGAGSRQRSSIQLVAVAKCAQLLVSIKHKCPEDQ
DAEGFQKLLYFGSVAVGCTSERQIRLHNPSAVNAPFRIEISPDELAEDQAFSCPTAHGIVLPGEKKCVS
VFFHFKTLDTRTVDYCSIMPSGCASKTLLKVVGF CRGPAVSLQHYCVNFSWVNLGERSEQPLWIENQSD
CTAHFQFAIDCLESVFTIRPAFGTLVGKARMTLHCAFQPTHPIICFRRVACLIIHQDPLFLDLMGTCHS
DSTKPAILKPQHLTWYRTHLARGTL YPPDILDAMLKEKKLAQDQNGALMIPIQDLEMPAPQYPYIPP
MTEFFFDGTS DITIFPPPISVEPVEVDFGACPGPEAPNPVPLCLMNHTKGKIMVVWTRRSDCPFVWTP
SCDVPPLKSMAMRLHFQPPHPNCLYTVELEAFIYKVCARNERECEGVSARSLSGLVGWQEVTEGSFRL
HPLRARLSL GWTVTPMSLSPPKLLA
TRTRPLEMESEDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVI GDFKVMGTGFPE
SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
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```

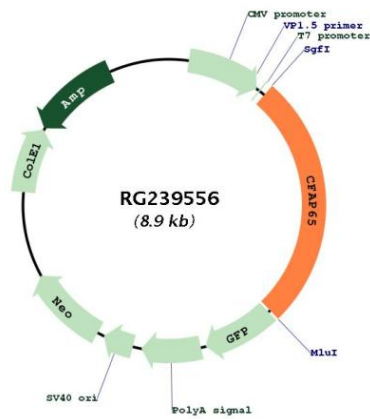
**Restriction Sites:** Sgfl-Mlul



**RefSeq:** [NM\\_001278295.1, NP\\_001265224.1](#)  
**RefSeq Size:** 3336 bp  
**RefSeq ORF:** 2355 bp  
**Locus ID:** 255101  
**Cytogenetics:** 2q35  
**Protein Families:** Transmembrane  
**MW:** 88.1 kDa

**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]

**Product images:**



Circular map for RG239556