

Product datasheet for **RG239433**

CCDC108 (CFAP65) (NM_001278296) Human Tagged ORF Clone

Product data:

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

>RG239433 representing NM_001278296.
 Blue=ORF Red=Cloning site Green=Tag(s)

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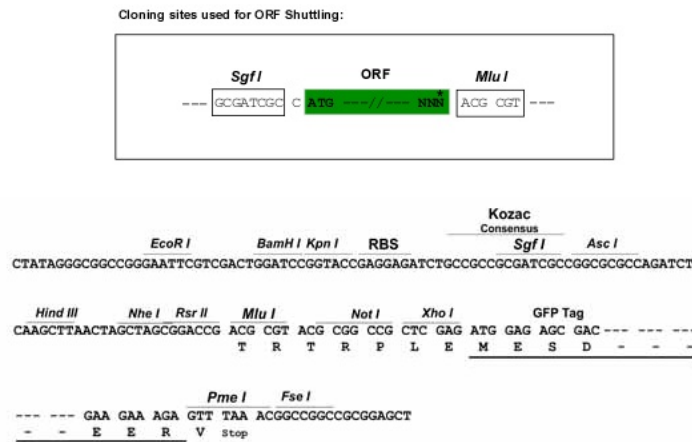
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ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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Protein Sequence: >Peptide sequence encoded by RG239433
 Blue=ORF Red=Cloning site Green=Tag(s)

MMLTQAPSSVVRSRNSRNHTVNSGGSCLSASTVAIPAINDSSAAMSACSTISAQPASSMDTQMHSPPKQ
ERVNKRVIWGIEVAEELHWKGWELGKETTRNLVLKNRSLKLQMKYRPPKTKFFFTVIPQPIFLSPGIT
LTLPVIVFRPLEAKEYMDQLWFEKAEGMFCVGLRATLPCHRLICRPPSLQLPMCAVGDTEAFFCLDNVG
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278296

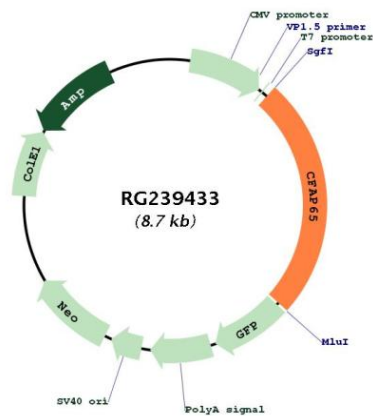
ORF Size: 2190 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).
RefSeq:	<u>NM_001278296.2</u>
RefSeq Size:	3287 bp
RefSeq ORF:	2193 bp
Locus ID:	255101
Cytogenetics:	2q35
Protein Families:	Transmembrane
MW:	81.8 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 RG239433