

Product datasheet for **RG231104**

CCDC107 (NM_001195200) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC107 (NM_001195200) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC107
Synonyms:	PSEC0222
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG231104 representing NM_001195200 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCGCAGTTTCGCTCTTGGGTGTGGTGGGGCTGCTGCTTGTGTCTGCGCTGTCCGGGTCTAG
GAGACCGCGCAATCCCGACCTCCGGGCACACCCAGGGAACGCAGCCACCCCGGCTCTGGAGCCACGGA
ACCCCGGGCGGACACCGCTCAAGGATCAACGCGAGCGGACCCGGGCCGGTCTGCTGCCTCTGGGGGCG
CTGTACACCGCGCCGTCGCGGCTTTTGTGCTGTACAAGTGTTCAGGGGAAAGATGAACTGCGGTTT
TCCACGAGGAGGCAAGCAAGCAGCAGCCACTGCAGTCAGAGCAACAGCTGGCCCAGTTGACACAACAGCT
GGCCCAGACAGAGCAGCAGCTGAACAACCTGATGGCCCAGCTGGACCCCTTTTGTAGCGTGTGACTACT
CTGGCTGGAGCCAGCAGGAGCTTCTGAACATGAAGCTATGGACCATCCACGAGCTGCTGCAAGATAGCA
AGCCGGACAAGGATATGGAGGCTTCAGAACAGAGGCCAGCAGACCTCTTCTGAGGACTTCTGTTTAA
GGAGGACGAGGAGGAGATTGGTGACAGTCAGGCCTGGGAGGAGCCACAACTGGAGCACAGAGACATGG
AACCTAGCTACTTCTGGGAGGTGGGGCGGGGACTACGGAGAAGGTGCAGCCAGGCTGTGGCAAAGGGCC
CCAGTCACAGCCTTGGCTGGGAAGGAGGGACGACAGCTGAAGTCGACTAAAACAAAGTCTGTTTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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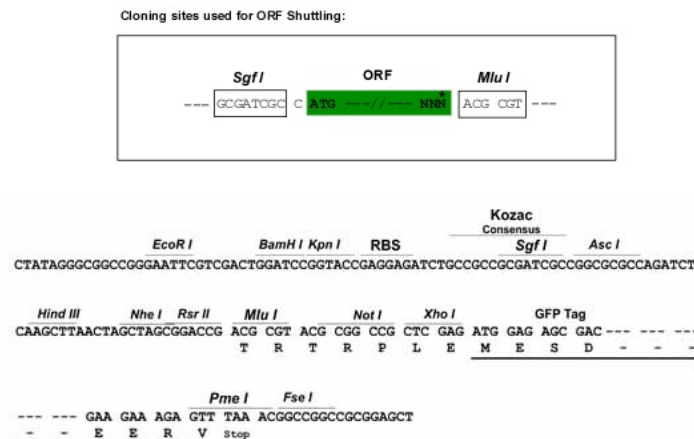
Protein Sequence: >RG231104 representing NM_001195200
 Red=Cloning site Green=Tags(s)

MAGAVSLLGVVGLLLVSALSGVLGDRANPDLRAHPGNAAHPGSGATEPRRRPPLKDQRRERTRAGSLPLGA
 LYTAAVAFAFVLYKCLQGKDETAVLHEEASKQPLQSEQQLAQLTQQLAQTEQHLNNLMAQLDPLFERVTT
 LAGAQQELLNMKLWTIHELLQDSKPKDMEASEPEASRPLPEDFCLKEDEEEIGDSQAWEEPTNWSTETW
 NLATSWEVGRGLRRRCSSQAVAKGPSHSLGWEGGTTAEGRLKQSLFS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195200

ORF Size: 768 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).

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_001195200.1](#), [NP_001182129.1](#)

RefSeq Size: 1191 bp

RefSeq ORF: 771 bp

Locus ID: 203260

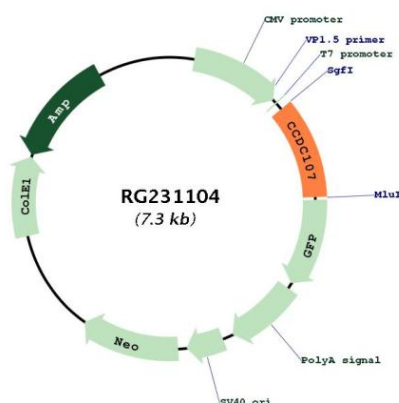
UniProt ID: [Q8WV48](#)

Cytogenetics: 9p13.3

Protein Families: Transmembrane

Gene Summary: This gene encodes a membrane protein which contains a coiled-coil domain in the central region. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]

Product images:



Circular map for RG231104