

Product datasheet for **RG206155**

CCDC117 (NM_173510) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC117 (NM_173510) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC117
Synonyms:	dj366L4.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206155 representing NM_173510 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCGCTCGGCCGGCCCTCAGCGGCCTCCCTCTGAGCGGCGGCTCGGACTTCTGCAGCCGCCG
AGCCGGCCTTCCCGGCCGGCCCTCCCGCCGGGGCTGACGGCGCCGAGTTGGCCCCGCGCCGGGACC
TCGCGCAGTCCCTAGCAGTCCCCTGGGAGTGGCGCGCGGACGTGTTTCTGTTCACTGTAAAAAGAAA
CACAAGCGAGAGGAGGAGGAGGATGATGATTGTCCAGTAAGAAAAGAAAAGATAACTGAAGCAGAGCTCT
GTGCTGGTCTAATGACTGGATTCTTTGTGCACATCAGGATGTAGAGGGCATGGAGTAAATCCCAGTGT
TAGTGGCCTTCCATACCTGGGATATTAGATGTTATTTGTGAAGAAATGGATCAGACAACCTGGAGAACCA
CAGTGTGAAGTTGCCCGAAGGAAGCTTCAGGAGATTGAGGACAGGATAATTGATGAAGATGAAGAAGTTG
AAGCTGACAGAAATGTTAACCATCTCCCGAGTCTGTCCCTTTCTGATACCATGAAAACAGGTTTGAAGAG
GGAATTTGATGAGGTTTTTACAAAGAAAATGATTGAGTCTATGAGCCGTCCTTCCATGGAGCTTGTCTC
TGGAAACCCCTCCCTGAACCTCTTTCTGATAAGCCAAAGCCATCTCTAATACTAAGAACTATACAGGAG
AGAGCCAAGCTAAGCATGTAGCTGCTGGCACTGCCTTCCCTCAGAGAACTGAAGTGTTCGGAACCTCG
GCCAACAGGGATGTCTTTTATAATAGTTTGGAGACAGCTACTAGCACAGAAGAAGAGATGGAATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206155 representing NM_173510
Red=Cloning site Green=Tags(s)

MAALGRPFSGPLPSGGSDFLQPPQAFPGRAFPPGADGAELAPRPGPRAVPSSPAGSAARGRVSVHCKKK
 HKREEEEDDDCPVRKKRITEAELCAGPNDWILCAHQDVEGHGVNPSVSGLSIPGILDVICEEMDQTTGEP
 QCEVARRKLEIEDRIIDEDEEVEADRNVNHLPSLVLSDTMKTGLKREFDEVFTKKMIESMSRPSMELVL
 WKPLPELLSDKPKPSSNTKNYTGESQAKHVAAGTAFPQRTLELSEPRPTGMSLYNSLETATSTEEEMEL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173510

ORF Size: 837 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_173510.1](#), [NP_775781.1](#)

RefSeq Size: 3976 bp

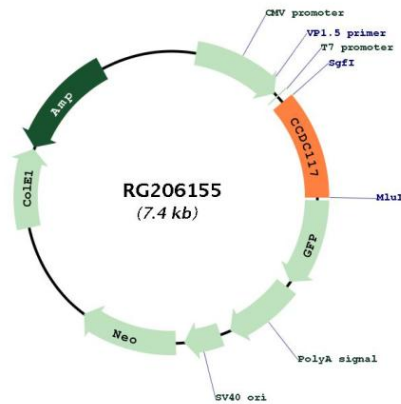
RefSeq ORF: 840 bp

Locus ID: 150275

UniProt ID: [Q8IWD4](#)

Cytogenetics: 22q12.1

Product images:



Circular map for RG206155