

Product datasheet for **RC236543**

CCDC117 (NM_001284264) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC117 (NM_001284264) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: CCDC117
Synonyms: dj366L4.1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236543 representing NM_001284264
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGCGCTCGGCCGGCCCTCAGCGGCTCCCTCTGAGCGGGCTCGGACTTCTGCAGCCGGCCG
 AGCCGGCCTCCCGGCCGGCCCTCCCGCGGGGGCTGACGGCGCCGAGTTGGCCCCGGCGCCGGGACC
 TCGCGCAGTCCCTAGCAGTCCCGCTGGGAGTGCAGCGCGCGGACGTGTTTCTGTTCACTGTAAAAAGAAA
 CACAAGCGAGAGGAGGAGGAGGATGATGAGATAATTGATGAAGATGAAGAAGTTGAAGCTGACAGAAATG
 TTAACCATCTCCCAGTCTTGTCTTTCTGATACCATGAAAACAGGTTTGAAGAGGGAATTTGATGAAGT
 TTTTACAAAGAAAATGATTGAGTCTATGAGCCGCTCCTTCCATGGAGCTTGTCTCTGAAACCCCTCCCT
 GAACTCTTTCTGATAAGCCAAAGCCATCCTCTAATACTAAGAAGTATACAGGAGAGCCAAAGCTAAGC
 ATGTAGCTGCTGGCACTGCCTCCCTCAGAGAAGTGAAGTGTTCGGAACCTCGGCCAACAGGGATGTC
 TCTTTATAATAGTTTGGAGACAGCTACTAGCACAGAAGAAGAGATGGAAGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236543 representing NM_001284264
 Red=Cloning site Green=Tags(s)

MAALGRPF SGLPLSGSDFLQPPQAFPGRAFPPGADGAELAPRPGPRAVPSSPAGSAARGRVSVHCKKK
 HKREEEEDDEIIDEDEEVEADRNVNHLPSLVLSDTMKTGLKREFDEVFTKKMIESMSRPSMELVLWKPLP
 ELLSDKPKPSSNTKNYTGESQAKHVAAGTAFPRQTELFSEPRPTGMSLYNSLETATSTEEEMEL

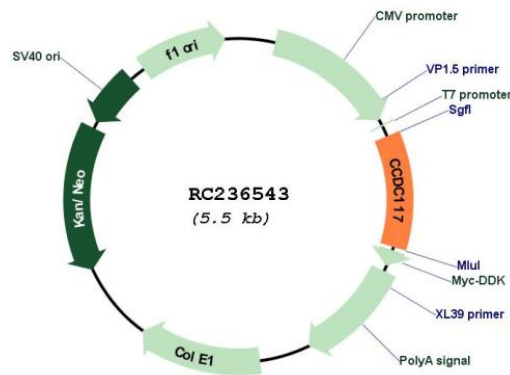
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001284264

ORF Size: 612 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_001284264.1](#), [NP_001271193.1](#)

RefSeq Size: 3766 bp

RefSeq ORF: 615 bp

Locus ID: 150275

UniProt ID: [Q8IWD4](#)

Cytogenetics: 22q12.1

MW: 22.7 kDa