

Product datasheet for **RR213794**

Ccdc117 (NM_001017502) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc117 (NM_001017502) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccdc117
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR213794 representing NM_001017502
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCCTCGGCCGGCCCTTCAGCGGCCTCCCTCTGAGCGGCAGCGCGGACTTCTGCAGTCGCCGC
CGGCCTTCGCGGGCCGGGCCTTCCCGCCAGGAGCCGCGGCCATGACCTGGCCCCGCGCCGGGTGTCCG
CGGCCCGCCGAGCAGCCCGGACGGTAGAACAGCGCGCGGACGTGTTCCATTCACTGTAGAAAGAAACAC
AAGCGATTGGCGGAGGACGATGAGTGTCCAGTAAGAAAGAAGCGCTTGACTGAAGCAGAAGTTGGTGCAG
TTGCCGATGAGTGGGTTCTTGGCACACATCAGGGTATAGAAGTCATGGGGTAAACACGTGTCCTGGTGG
CCTTTCTGTGCCTAGCATCCTAGATGCTGTCTGTGAAGAAATGGATCAGACAAGTGGAGAACCACAGTGT
GAAGTTGCCGAAGAAGGCTTCAAGAGATCGAGGACAGGATAATTGACGAAGATGAAGAGTTGAAAGTG
ACAGAAATGTTAGCCACCTCCCAAGTCTTGTCTTTCTGATACCATGAAAACGGGTTTGAAGAGGGAATT
TGATGAAGTCTTCACAAAGAAGATGATTGAGTCTATGAGCCGTCCTTCTATGGAGCTTGTCTCTGGAAA
CCTCTCCCTGAAGTCTTTCTGAGAAGCCAAAGCCATCATCTAACCTAAGAACTACATGGGAGAGAGCC
AAACGAAGCACACAGCTACGGGCACTGCCTTCCCACAGAGAACTGAAGTGTACTGGAACCTCAGTGCAC
AGACACACCGCTTACCATAGTCTGGAGACAGCTGCTAGCACAGAGGAAGAGATGGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213794 representing NM_001017502
 Red=Cloning site Green=Tags(s)

MAALGRPFSGPLPLSGSADFLQSPPAFAGRAFPFGAAGHDLAPRPGVGRPPSSPDGRTARGRVSIHCRKKH
 KRLAEDDECPVRKKRL TEAELGAVADEWVLGTHQGIIEGHGVNTCPGGLSVPSILDVCEEMDQTTGEPQC
 EVARRRLQEIEDRIIDEDEEVESDRNVSHLPSLVLSDTMKTGLKREFDEVFTKKMIESMSRPSMELVLWK
 PLPELLSEKPKPSSNPKNYMGESQTKHTATGTAFQRTVEVLLEPQCTDTPLYHSLETAASTEEMEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001017502

ORF Size: 831 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_001017502.1](#), [NP_001017502.1](#)

RefSeq Size: 2224 bp

RefSeq ORF: 834 bp

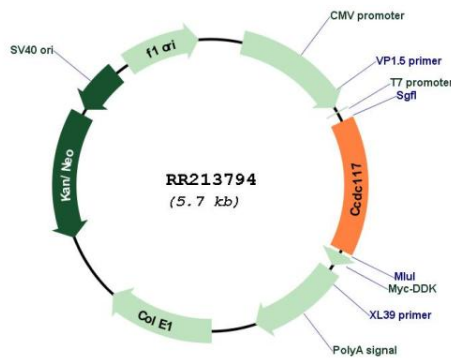
Locus ID: 498404

UniProt ID: [Q5M9G5](#)

Cytogenetics: 14q21

MW: 30.4 kDa

Product images:



Circular map for RR213794