

Product datasheet for **RR214936**

Ccdc50 (NM_182736) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc50 (NM_182736) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc50
Synonyms:	c3orf6; C3orf6h
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214936 representing NM_182736 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACGTGAGCGTGGATCAGTCCAAGTTGCCCGCGTGAAGGAAGTGTGTCGAGATTTTGCTGTCC
TGGAGGACCACACCTGGCTCACAGCCTGCAGGAGCAAGAGATTGAGCATCATTTAGCATCCAACATTCA
GCGGAACCGTCTGGTCCAGCATGATCTGCAGGTTGCCAAGCAGCTCCAAGAGGAAGACCTCAAAGCCCAA
GCTCAGCTCCAGAAGCGCTACAAAGCCCTTGAACAACATGATTGTGAAATTGCTCAGGAAATCCAGGAGA
AGCTGACAATCGAGGCTGAGAGACGACGTATTCAGGAGAAGAAGGATGAGGACATAGCACGTCTTTTGCA
AGAGAAGGAACACTACAGGAAGAGAAAAAGAGGAAGAAACACACTCCAGAGTTTTCTGGAGGCAAGTCTTCT
GGAGATAACTACTATTATGAGGATGGAGGAATGAAATCAAGAGGAATAAATGAAGCTGTCTCTGCTCCAG
CTCGAGTGAGTCACAGGGACCAGGAGTGGTATGATGCAGAAATTGCCCGGAAATTGCAAGAAGAAGAACT
TTTGGCTACTCATATGGACATAAGAGCAGCTCAGGTTGCCAGGATGAGGAAATTGCTCGACTTCTGATG
GCTGAAGAAAAAAGCTTACAAGAAAGCCAAAGATCGAGAAAAGTCATCTTTGGACAAAAGGAAACATG
ACTATGACTGCAAGTCAAAGCAAAGTCAGCACACTCAAAGTCAAAGAAGGTGATGAAACACAGCGTGC
CAAGATTGACAGGCCGTCACGACCACCGCACCGCAGCGATGGCCCTGAGGATGTGGATCCCACCCAC
TTCACAAACCAGCATAGTAATACACGTCATTTTTCAAAGTCAGAGTCCTCACACAAGGCTTCCATAATA
AGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR214936 representing NM_182736
 Red=Cloning site Green=Tags(s)

MADVSDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNIQRNRLVQHDLVQAKQLQEEDLKAQ
 AQLQKRYKALEQHDCEIAQEIQEKLITIEAERRRIQEKKDEDIARLLQEKLQEEKKRKKHTPEFSGGSAS
 GDNYYYYEDGGMKSRGINEAVSAPARVSHRDQEWYDAEIAARKLQEEELLATHMDIRAAQVAQDEEIAIARLLM
 AEEKKAYKKAKDREKSSLDKRKHVDYDCKSAKSAHKSKEGDETQRAKIDRPSRPPPPAAMAPEDVDPTH
 FTNQHNSNTRHFSKSESSHKGFNKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

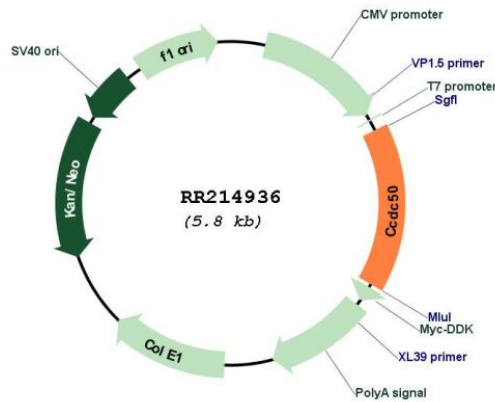
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_182736

ORF Size: 915 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:	<ol style="list-style-type: none"> 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_182736.1 , NP_877400.1
RefSeq Size:	1022 bp
RefSeq ORF:	918 bp
Locus ID:	288022
UniProt ID:	Q810U0
Cytogenetics:	11q22
MW:	35.2 kDa
Gene Summary:	human homolog may be involved in hereditary spastic paraplegia [RGD, Feb 2006]