

Product datasheet for MR217752

Ccdc50 (NM_001025615) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc50 (NM_001025615) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccdc50
Synonyms: C3orf6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR217752 representing NM_001025615
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGACGTGAGTGTAGATCAGTCCAAGTTGCCGGCGTGAAGGAAGTGTGTAGAGATTTGCCGTCC
TGGAGGACCACACCTGGCCCATAGCCTGCAGGAACAAGAGATTGAGCATCATTTGGCATCCAACATTCA
GCGGAACCGTCTGGTACAACATGATCTGCAGGTTGCTAAGCAGCTCCAAGAGGAAGACCTCAAAGCCCAA
GCTCAGCTCCAGAAGCGCTACAAAGCCCTTGAACAACATGATTGTGAAATTGCTCAGGAAATCCAGGAGA
AGCTAACCATTGAGGCTGAGAGACGACGATTCAGGAAAAGAAGGATGAGGACATAGCACGTCTTTTGCA
AGAGAAGGAGCTACAGGAGGAGAAAAGGAGGAAGAAACACACTCCAGAGTTTTCTGGGGCAGTGTTTTT
GGAGATAACTACTATCATGAGGATGGAGGAATGAAACCAAGAGGAATAAAAAGAAGCTGTCTACTCCAG
CACGAGCAAGCCACAGGGACCAGGAGTGGTATGATGCTGAAATTGCCAGGAAATTGCAAGAAGAAGAACT
TTTGAAATTGCTCGACTTCTAATGGCTGAAGAAAAAAGCTTACAAGAAAGCCAAAGAGCGAGAAAAG
AAGAGGGTGATGAAGCACACCGCTCCAAGATTGACAGGCCATCAAGACCACCACCACCTACCATGATGGG
CCTTGAGGACACAGATCCACCCATTTTACAAACCAGCACAGTACAACATGGCATCTTCCAAAGTCAGAG
TCCTCACAGAAAGGCTTCCATAACAAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

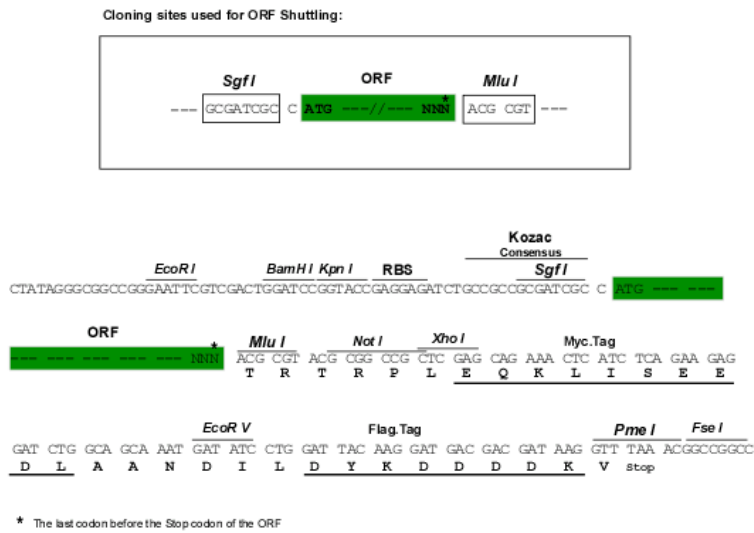
Protein Sequence: >MR217752 representing NM_001025615
 Red=Cloning site Green=Tags(s)

MADVSDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNIQRNRLVQHDLVQAKLQEEDLKAQ
 AQLQKRYKALEQHDCEIAQEIQEKLITIEARRRIQEKKDEDIARLLQEKLQEEKRRKKHTPEFSGGSVF
 GDNYYHEDGGMKPRGIKEAVSTPARASHRDQEWYDAEIAARKLQEEELLEIARLLMAEEKKAYKKAKEREK
 SSLDKRKHDPCKLKAKSAHSKKEGDEAHRSKIDRPSRPPPTMMGLETDPTHTFNQHSSTTWHLPKSE
 SSQKGFHNKQ

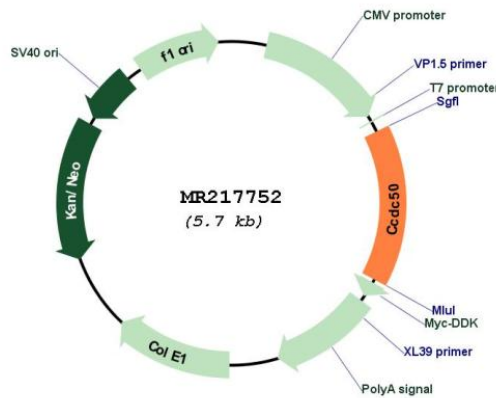
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025615

ORF Size: 870 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_001025615.3 , NP_001020786.1
RefSeq Size:	6936 bp
RefSeq ORF:	873 bp
Locus ID:	67501
UniProt ID:	Q810U5
Cytogenetics:	16 18.98 cM
MW:	34.1 kDa
Gene Summary:	Involved in EGFR signaling.[UniProtKB/Swiss-Prot Function]