

Product datasheet for **MR204497**

Ccdc92 (NM_144819) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc92 (NM_144819) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc92
Synonyms:	AW050178; D5Bwg0834e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204497 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCAGCCACAAACCTGGAGAACCAGCTGCACAGTGCACAGAAGAACCTGCTCTTCTCCAGCGGGAGC
 ACGCCAGCACACTCAAGGGGCTGCACGCCGAGATCCGGCGGCTGCAGCAGCACTGCACAGATCTAACATA
 TGAGCTGACACTCAAAAGTTTCGAACTGACAGGAGACAGCTCTTCCAGAACGACGGAGCTGAAGAGGCGC
 TGTGAGGAGCTGGAAGCCAGCTGAAGGCCAAAGAGGAGGAAAACCGCAAGCTGCTGCAGGAAGTGAAC
 AGAAGAACGCCCATCGCTGTGCTGGAGAACACAGTCCGTGAGAGAGAGAAGAAGTACCTGGAGGAGCT
 GAAGGTGAAGAGCCAACTGAGCATGCTGTGTCAGGTGAGTTGGAGCAACGCGCCAGCACTGTGGCCTAC
 CTCACCTCGCAGCTGCATGCAGCCAAGAAGAAGTTGCTGAGCTCAAGTGGCACCTCGGATGCCAGCCCTG
 CCGGCAGTCCCGCGCTGGCCAGCTACAAACCCACACCCCAAGGACAAGCTGCCTGAGACACCCCGCCG
 CCGCATGAAGAAGAGCCTGTCCGCCCCACTGCACCCCGAGTTTGAGGAGGTCTACAGTTTGAGGCCGAG
 AGCCGCAAACTCCTCCTTCGGGAGCCTGTGGATGCCATGCCCCGACCCACCCATTCTGCTGGCCCGGG
 AGTCTGCTGAGGTCCAGCTCAAGGAGCGGCCTCTCGTCATCCCTCCATTGCCTCAGATCGTAGCGCCAC
 TGGGCAGCACAGCCAGCCGAGATAAGCCACACAAGACGCATGTTGGGTGGCTCACCGCATTATCAT
 GCCACTCCATCACAGGCCAGCTGAGGGAGAGATGAGGGCCGTGGACCAGGTGAATGCAAGCAAGGTGG
 TGCGGAAGCACTCAGGGACAGACCGAACTGTG

A**CGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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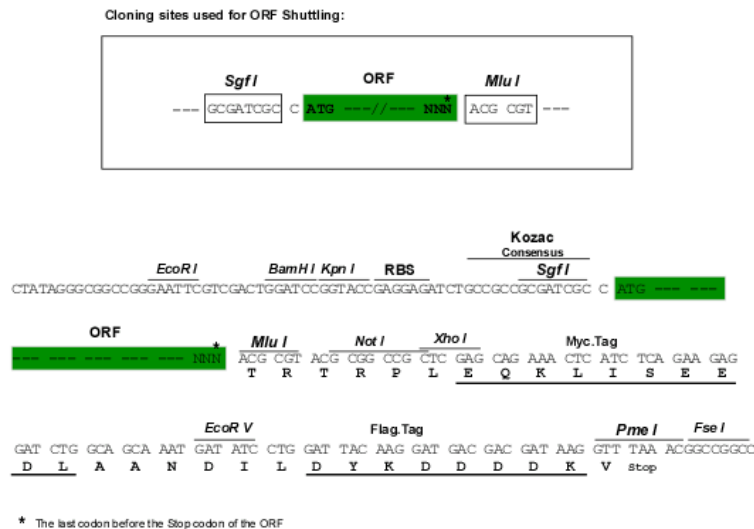
Protein Sequence: >MR204497 protein sequence
 Red=Cloning site Green=Tags(s)

MAATNLENQLHSAQKNLLFLQREHASTLKGLHAEIRRLQQHCTDLTYELTLKSFELTGSSSRRTTELKRR
 CEELEAQLKAKEEENRKLLEQKNAIAVLENTVREREKKYLEELKVKSHKLSMLSGELEQRASTVAY
 LTSQLHAAKKLLSSSGTSDASPAGSPALASYKPTPPKDKLPETPRRRMKKSLAPLHPEFEEVYRFGAE
 SRKLLLREPVDPDPTPFLARESAEVQLKERPLVIPPIASDRSATGQHSPARDKPHKTHVGVVHRIHH
 ATPSQAQPEGEMRAVDQVNASKVVRKHSGTDRTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_144819

ORF Size: 942 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_144819.2, NP_659068.1

RefSeq Size: 2256 bp

RefSeq ORF: 945 bp

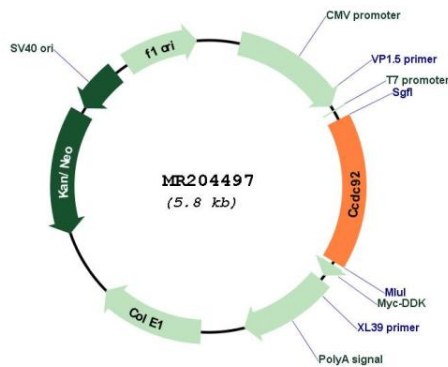
Locus ID: 215707

UniProt ID: Q8VDN4

Cytogenetics: 5 63.85 cM

MW: 35.2 kDa

Product images:



Circular map for MR204497