

Product datasheet for **MG204497**

Ccdc92 (BC021492) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc92 (BC021492) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc92
Synonyms:	MGC38387
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204497 representing BC021492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCACAAACCTGGAGAACCAGCTGCACAGTGCACAGAAGAACCTGCTCTTCTCCAGCGGGAGC
ACGCCAGCACACTCAAGGGGCTGCACGCCGAGATCCGGCGGCTGCAGCAGCACTGCACAGATCTAACATA
TGAGCTGACACTCAAAGTTTCGAACTGACAGGAGACAGCTCTTCCAGAACGACGGAGCTGAAGAGGCGC
TGTGAGGAGCTGGAAGCCAGCTGAAGGCCAAAGAGGAGGAAAACCGCAAGCTGCTGCAGGAACTGGAAC
AGAAGAACGCCCATCGCTGTGCTGGAGAACACAGTCCGTGAGAGAGAGAAGAAGTACCTGGAGGAGCT
GAAGGTGAAGAGCCACAACTGAGCATGCTGTCAAGGTGAGTTGGAGCAACGCGCCAGCACTGTGGCCTAC
CTCACCTCGCAGCTGCATGCAGCCAAGAAGAAGTTGCTGAGCTCAAGTGGCACCTCGGATGCCAGCCCTG
CCGGCAGTCCCAGCTGGCCAGCTACAAACCCACACCCCAAGGACAAGCTGCCTGAGACACCCCGCCG
CCGCATGAAGAAGAGCCTGTCCGCCCACTGCACCCCGAGTTTGAGGAGGTCTACAGTTTGAGGCCGAG
AGCCGCAAACCTCCTTCGGGAGCCTGTGGATGCCATGCCGACCCACCCATTCTGCTGGCCCGGG
AGTCTGCTGAGGTCCAGCTCAAGGAGCGGCCTCTCGTATCCCTCCATTGCCTCAGATCGTAGCGCCAC
TGGGCAGCACAGCCAGCCGAGATAAGCCACACAAGACGCATGTTGGGTGGCTCACCGCATTATCAT
GCCACTCCATCACAGGCCAGCCTGAGGGAGAGATGAGGGCCGTGGACCAGGTGAATGCAAGCAAGGTGG
TGCGGAAGCACTCAGGGACAGACCGAACTGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204497 representing BC021492
 Red=Cloning site Green=Tags(s)

MAATNLENQLHSAQKNLLFLQREHASTLKGLHAEIRRLQQHCTDLTYELTLKSFELTGDSSSRRTTELKRR
 CEELEAQLKAKEEENRLLQLEEQKNAIAVLENTVREKRYLEELKVKSHKLSMLSGELEQRASVAY
 LTSQLHAAKKLLSSSGTSDASPAGSPALASYKPTPPKDKLPETPRRRMKKSLAPLHPEFEEVYRFGAE
 SRKLLLREPVAMPDPTPFLLARESAEVQLKERPLVIPPIASDRSATGQHSPARDKPKHKTHTVGVVHRIHH
 ATPSQAQPEGEMRAVDQVNASKVVRKHSGTDRTV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC021492

ORF Size: 944 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: [BC021492](#), [AAH21492](#)

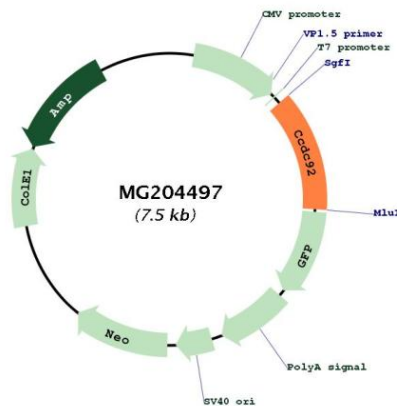
RefSeq Size: 1669 bp

RefSeq ORF: 944 bp

Locus ID: 215707

Cytogenetics: 5 63.85 cM

Product images:



Circular map for MG204497