

Product datasheet for **MG204762**

Zcchc9 (BC010687) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc9 (BC010687) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zcchc9
Synonyms:	1810019C21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204762 representing BC010687 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGGTGGGCTAGAGTTACTACTTCAAATAGTAAGCGACCCCTGTCAGCAACATCATGGGAGGACA
TGAAGAAGGGTCTGTGGAGAGAGCAGACCAAGCCTTCCAAATCGTAAGCAGTGTCAAAGCAGTAGGCT
GCCCCTTAGAAATGACTCACCTCAAGCAAAACGCAAAAAGAACAAAAAGAAAAAGAGTACTTGAATGAA
GACGTGAACGGCTTCATGGAGTACCTGAAGCAGAACTCACAGGTACTTCACAATGGACAGCTGATAGCAG
CTGACAGCCAGGAAGTGAGGGAAGAAATTGCCGTGGCCTTAAAGAAGGACAGTCGACGGGAAGGAAGGCG
GCTAAAGAGACAGGCGGCAAGAAGAATGCAATGGTGTGTTCCATTGTCGACAACCTGGCCACGGAATT
GCTGACTGTCCAGCTGTACTAGAGAGTCAGGACATGGGCACCGGCATTTGTTACCGCTGTGGGTCCACGG
AGCACGAGATGTCCAAGTGCAGAGCTAACGTAGACCCCGCGCTTGGTGAATTTCCCTTTTGCAAAATGTTT
TGTCTGCGGAGAAATGGGACACCTGTCCAGATCCTGCCCTGATAATACCAAAGGAGTCTATGCTGATGGT
GGCAGCTGTAACTCTGTGGCTCCGTGGAACATTTTAAGAAAGATTGCCGAGAAAATCAGAACTCAGATC
GGATCATCACGGTTGGTCGCTGGGCAAGGGTATGAGTGCAGACTATGAAGACGTGCTGGATGTGCCCAA
ACTGCAGAAACCTAAAACCAAAGTACCCAAAGTTGTTAATTTTTTATACTAATTGGTACAATTGTTAAT
TACCACCTCAAGGTTACTTTCCAAACTCAGCCTTTAGCGATTGAAGCTGGGCAACTGTGGAGGCAAGCT
GTGTTATAGACACCACTCTGACCTTGGTAGCTTGCCTACAATCAATCTATCAAGCGGTACAGGTTGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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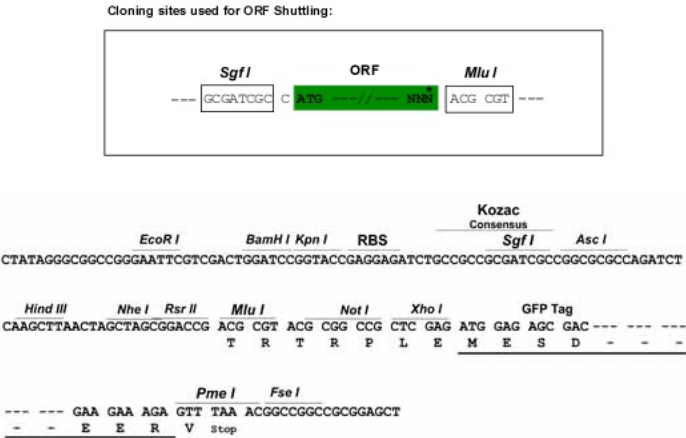
Protein Sequence: >MG204762 representing BC010687
 Red=Cloning site Green=Tags(s)

MTRWARVTTSSNSKRPLSATSWEDMKKGSVERADQSLPNRKQCQSSRLPLRNDSPQAKRKKNNKKKEYLNE
 DVNGFMEYLKQNSQVLHNGQLIAADSQEVREEIAVALKKDSRREGRRLLKRQAAKKNAMVCFHCRQPGHGI
 ADCPAVLESQDMGTGICYRCGSTEHEMSKCRANVDPALGEFPFAKCFVCGEMGHLSRSCPDNTKGVYADG
 GSCKLCGSVEHFKKDCRENQNSDRIITVGRWAKGMSADYEDVLDVPKLQKPKTKVPKVVNFFILIGTIVN
 YHLKVTFQTQPLAIEAGQLWRQSCVIDTTLTLVACLQSIYQGVQVD

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC010687

ORF Size: 978 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: [BC010687](#)

RefSeq Size: 1462 bp

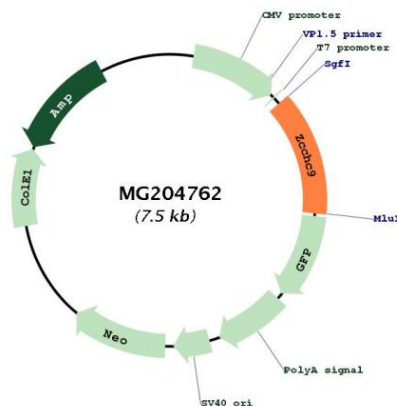
RefSeq ORF: 980 bp

Locus ID: 69085

Cytogenetics: 13 C3

Gene Summary: May down-regulate transcription mediated by NF-kappa-B and the serum response element.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204762