

Product datasheet for MR204762

Zcchc9 (BC010687) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc9 (BC010687) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zcchc9
Synonyms:	1810019C21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204762 representing BC010687 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCAGGTGGGCTAGAGTTACTACTTCAAATAGTAAGCGACCCCTGTCAGCAACATCATGGGAGGACA
TGAAGAAGGGTCTGTGGAGAGAGCAGACCAAAGCCTTCCAAATCGTAAGCAGTGTCAAAGCAGTAGGCT
GCCCCCTAGAAATGACTCACCTCAAGCAAAACGCAAAAAGAACAAAAAGAAAAAGAGTACTTGAATGAA
GACGTGAACGGCTTCATGGAGTACCTGAAGCAGAACTCACAGGTACTTCACAATGGACAGCTGATAGCAG
CTGACAGCCAGGAAGTGAGGGAAGAAATTGCCGTGGCCTTAAAGAAGGACAGTCGACGGGAAGGAAGGCG
GCTAAAGAGACAGGCGGCAAGAAGAATGCAATGGTGTGTTCCATTGTCGACAACCTGGCCACGGAATT
GCTGACTGTCCAGCTGTACTAGAGAGTCAGGACATGGGCACCGGCATTTGTTACCGCTGTGGGTCCACGG
AGCACGAGATGTCCAAGTGCAGAGCTAACGTAGACCCCGCGCTTGGTGAATTTCCCTTTTGCAAAATGTTT
TGTCTGCGGAGAAATGGGACACCTGTCCAGATCCTGCCCTGATAATACCAAAGGAGTCTATGCTGATGGT
GGCAGCTGTAACTCTGTGGCTCCGTGGAACATTTTAAGAAAGATTGCCGAGAAATCAGAACTCAGATC
GGATCATCACGGTTGGTCGCTGGCAAAAGGGTATGAGTGCAGACTATGAAGACGTGCTGGATGTGCCAA
ACTGCAGAAACCTAAAACCAAAGTACCCAAAGTTGTTAATTTTTTATACTAATTGGTACAATTGTTAAT
TACCACCTCAAGGTTACTTTCCAAACTCAGCCTTAGCGATTGAAGCTGGGCAACTGTGGAGGCAAAGCT
GTGTTATAGACACCACTCTGACCTTGGTAGCTTGCCCTACAATCAATCTATCAAGCGGTACAGGTTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR204762 representing BC010687
 Red=Cloning site Green=Tags(s)

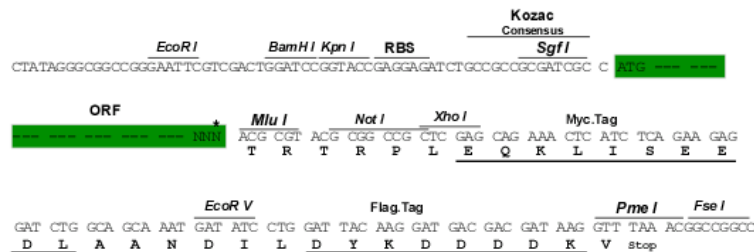
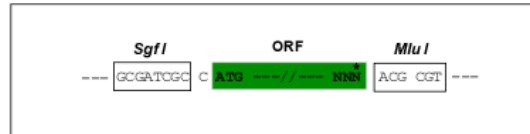
MTRWARVTTSSNSKRPLSATSWEDMKKGSVERADQSLPNRKQCQSSRLPLRNDSPQAKRKKNNKKKEYLNE
 DVNGFMEYLKQNSQVLHNGQLIAADSQEVREEIAVALKKDSRREGRRLLKRQAAKKNAMVCFHCRQPGHGI
 ADCPAVLESQDMGTGICYRCGSTEHEMSKCRANVDPALGEFPFAKCFVCGEMGHLSRSCPDNTKGVYADG
 GSCKLCGSVEHFKKDCRENQNSDRIITVGRWAKGMSADYEDVLDVPKLQPKTKVPKVNFIFILIGTIVN
 YHLKVTFTQTQPLAIEAGQLWRQSCVIDTTLTLVACLQSIYQGVQVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

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

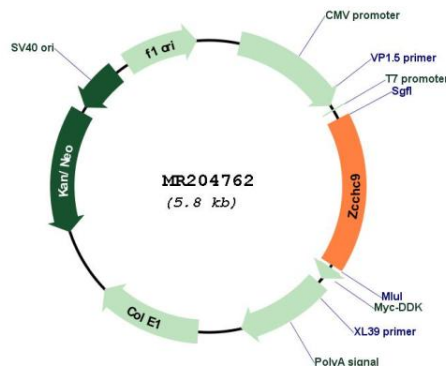
Locus ID: 69085

Cytogenetics: 13 C3

MW: 53.6 kDa

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 MR204762