

Product datasheet for **RR215117**

Zfp64 (NM_001012093) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp64 (NM_001012093) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR215117 representing NM_001012093
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGTGAGTGGAGATGGAGAAAGCTTCTCCGGATCGGTGCAAATCCCAGGAGGCACCCACAGTGTGG
 TAGAGCTGACACCGGACATCCACATCTGCGGCCTCTGTAACAGCAGTTCAGCAATCTCGATGCCTTTGT
 AGCCACAAAGCAGAGCGGCTGCCAACTGACCACACGCCCGTACAGCCCCCAGCACGGTCCAGTTTGTG
 TCAGAAGAGACAGTGCCTGCCACCCGACCCAGACTGCCACAACGACCATCAGTTCAGAGACTCAGACTA
 TCACAGTTGCAGCTCCGGAATTCGTTTGAACATGGCTACCAAACCTTACCTGCCACGGAAAGCACCGA
 CGACCAGACAGCCACCGTATCGCTCTCCCAACAGACACGACCAAAAAACCCACAGCACCCCTGCT
 CAGAAGAACTCGGCTGTGCTATCCAGGTTGCCAGTTCAGACGGCCTACGGCATGAAGGACATGGAGC
 GGCACCTGAAGATCCACACCGGTGACAAACCCACAAGTGCAGGTGTGCGGGAAGTGTTCAGCCGGAA
 GGACAAGCTGAAGACGCACATGCGCTGCCACACGGGCGTCAAGCCCTACAAGTGAAGACGTGCGACTAC
 GCGGCGGCCGACAGCAGCAGCCTCAACAAACACCTGCGCATCCACTCGGATGAGCGACCCCTCAAGTGCC
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 ATCCACCCTGCGGAAACACAGCCGCTGCACAGTCCGAGCACCCGGAGAAGTGCAGGAGTGCAGCTAC
 TCGTGTCCAGCAAGGCGGCGCTGCGCGTGCACGAGCGCATCCACTGCACCGAGCGCCGTTCAAGTGCA
 GCTACTGCAGCTTCGATACCAAGCAACCCAGCAACCTGAGCAAGCACATGAAGAAGTTCCACGCAGACAC
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 TTCAACGAGGGGAGTGTCAAGATCATCGTGGGCATCAGGTGCCTCAGACGAACGCCATCGTCCAAGCGG
 CTGCAGCTGCCGTAACATTGTGCCCCCGCCCTGGTAGCCAGACCCAGAGGAGATCCCGGGGAATGG
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 GCTGCCCTGAGTCAGCCGACTGTCTACTGACCACCCATGATCAGACGGCGGGGGCTGCCCTGCAGCAGG
 CCTGATCCCCACCTCCCGACTGAGACCCAGGAAGGCACCGGAAACCCGACGTTTATTGCCAGTTCTGG
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 AGCGACGGGGACAGAGCATCGAGTGGCCACACGGCACCCCTCCATATTCTTTCCCAACAGGAGCTGC
 CTAAGCAGACTTACTCCATCATCCACGGGGCGGCGCACCTGCCCTGCTCTGCCAGCTGATTCCATACC
 GGAT

ACGCGTACGCGGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215117 representing NM_001012093
Red=Cloning site Green=Tags(s)

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MNVSGDGESFSGSVQIPGGTTVLVELTPDIHICGLCKQQFSNLDAFVAHKQSGCQLTTTPVTAPSTVQFV
SEETVPATPTQTATTTISSETQTITVAPEFVFEHGYQTYLPTESDDQTATVIALPTKTRTKKPTAPPA
QKKLGCCYPGCQFKTAYGMKDMERHLKIHTGDKPHKCEVCGKCFSRKDKLKTMRCHTGVKPYKCKTCDY
AADSSSLNKHRLIHSRPFKQCICPYASRNSSQLTVHLRSHTGDAPFCWLCSAKFKISSDLKRHMVRV
HSGEKFPCDFCNVRCMTMGNLKSHIRIKHSGNFKCPHCDFLGDSKSTLRKHSRLHQSEHPEKCAECSY
SCSSKAALRVHERIHCTERPFKCSYCSFDTKQPSNLKSHMKKFHADTLKNEAPERKDSGRQSSRQVAKLD
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FNEGSVKIIVGHQVPQTNAIVQAAAAVNIVPPALVAQTPEEIPGNRLQILRQVSLIAPPQSSGCPSEA
AALSQPTVLLTTHDQTAGAALQQAL IPTSPTETQEGTGNPTFIASSGITCTDFEGLNALIQDGTTEVTVV
SDGDQSI AVATTAPSIFSSQQLPKQTYSIHGAHPALLCPADSIDP
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001012093

ORF Size: 2034 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: [NM_001012093.1](#), [NP_001012093.1](#)

RefSeq Size: 2419 bp

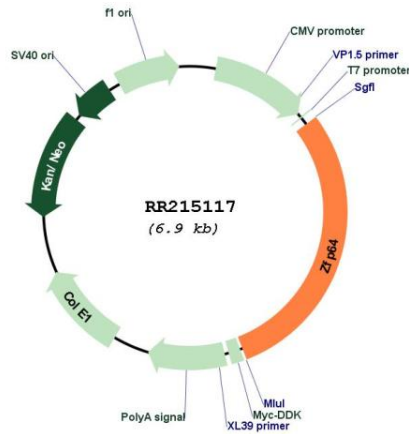
RefSeq ORF: 2037 bp

Locus ID: 311661

Cytogenetics: 3q42

MW: 74 kDa

Product images:



Circular map for RR215117