

Product datasheet for **MR209714**

Zfp64 (BC004695) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp64 (BC004695) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209714 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACGCGAGCGTGAAGGAGACACCTTTTCTGGATCGATGCAAATCCCAGGAGCACCACGGTGTCTGG
TGGAGCTGGCACCAGGACATCCACATCTGCGGCCTCTGTAAGCAGCACTTCAGCAATCTGGATGCCTTTGT
GGCCACAAACAGAGCGGCTGCCAGCTGACTACCAGCCGGTGACAGCCCCCAGCACGGTCCAGTTTGTG
GCAGAGGAGACAGAGCCTGCCACCCAGACCACCACAACGACCATCAGTTCAGAGACTCAGACTATCACAG
TTTCAGCTCCAGAGTTCTCTTTGAACATGGCTACCAAACCTTACCTGCCACGGAGAGCACTGACAACCA
GACAGCCACCGTGATCTCTCTCCCACCAAGTCACGCACCAAAAAGCCCACAGCACCCCCCTGCTCAGAAG
AGACTCGGCTGTCTATCCAGTTGCCAGTTCAGACCCGCTATGGCATGAAGGACATGGAGCGACACC
TGAAGATCCACACCGGTGACAAACCCACAAGTGTGAGGTGTGCGGGAAGTGCTTCAGCCGAAGGACAA
GCTGAAGACGCACATGCGCTGCCACACGGGCGTCAAGCCCTACAAGTGAAGACGTGCGACTACGCGGCG
GCGGACAGCAGCAGCCTTAAACAAGCACCTGCGCATCCACTCGGACGAGCGACCCTTCAAGTGCCAGATCT
GTCCCTACGCCAGCCGCAACTCCAGCCAGCTCACCGTGCACCTGCGCTCGCACACGGCCTCTGTGCTCGA
AAACGATGTCCAGAAACCGGCGGGCCTCCCTGTGAAGAAAGCGATGCCAGCAGGCCCTCGAGTCACT
CTGTCTTGGAAAGCAAAGGAGAGAACCGCCACCCTTGGAGAAAGGACCTTAACTGCCGCTATCCAGTT
GTCATTTCAAACCGTTCATGGCATGAAAGATTTGGACCGCCATCTAAGAATCCACACAGGCGACAAGCC
ACACAAGTGTGAGTCTGTGATAAGTGTTCAGCCGGAAGGACAACCTGACCATGCATGCGCTGCCAC
ACGAGTGTGAAGCCACACAAGTGCCACCTGTGCGACTACGCGGCCGTGGACAGCAGCAGCCTCAAGAAGC
ACCTTCGCATCCACTCGGACGAGCGGCCCTACAAGTGCCAACTCTGTCCCTACGCCAGCCGCAACTCCAG
CCAGCTCACGGTGCACCTGCGCTCGCACACGGGGACACCCCTTCCAGTGTGGCTCTGTAGCGCCAAA
TTCAAAATCAGCTCGGACTTGAAGCGGCACATGATCGTGCATTCAGGGGAGAAGCCTTTCAAATGCGAGT
TCTGTGACGTCCGTTGCACCATGAAGGCGAACCTCAAGTCCCACATCCGTATCAAGCACACCTTCAAGTG
TCTGCACTGTGCCTTCCAGGGCCGGACCGGGCAGACCTGCTGGAGCACAGTCGCTGCATCAGGCCGAC
CACCCGGAGAAATGTCCCGAGTGTAGCTACTCTGCTCCAACCCAGCCGCCCTGCGCGTACACAGCAGAG
TCCACTGCACGGACCGGCCCTTCAAATGTGACTTCTGCAGCTTTGATACAAAGCGGCCCCAGCAGCCTGGC
CAAACACATCGATAAGGTGCACAGAGAAGGCGCAAGACTGAGAACAGGGCCCTCCGGGAAGGATGGT
CCCGGGGAGAGCGGCCCCACCACGTGCCAACGTGAGCACCAGAGAGCCTTCGGATGCGACAAGTGGC
GTGCTCCTTTGTCCGGGATGACTCTCTGAGGTGCCATCGGAAGCAGCATAGTACTGGGGCAGAACAA
GAACTCAAACCTGGTCACTTTCCCTCAGAAGGCATTGCTACCGGCAGCTTGGCCCCCTGGTCTCCGTG
GGCAGCTGGAGAGCACTCTGGAGCCCAGCCACGACCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209714 protein sequence
Red=Cloning site Green=Tags(s)

MNASVEGDTFSGSMQIPGGTTVLVELAPDIHICGLCKQHFSNLDAFVAHKQSGCQLTTTPVTAPSTVQFV
 AEETEPATQTTTTTISSETQITITVSAPEFVFEHGYQTYLPTTESTDNQTATVISLPTKSRTKKPTAPPAQK
 RLGCCYPGCQFKTAYGMKDMERHLKIHTGDKPHKCEVCGKCFSRKDCLKTHMRCHTGVKPYKCKTCDYAA
 ADSSSLNKHLRIHSDEPFKQCICPYASRNSSQLTVHLRSHTASVLENDVQKPAGLPAEESDAQQAPAVT
 LSLEAKERTATLGERTFNCRYPGCHFVKTVHGMKDLDRHLRIHTGDKPHKCEFCDKCFSRKDNLTMHMRCH
 TSVKPHKCHLCDYAAVDSSSLKHLRIHSDEPYKQQLCPYASRNSSQLTVHLRSHTGDTPFQWLCWSAK
 FKISSDLKRHMIVHSGEKPFKCEFCDVRCMTKANLKSIRIKHTFKCLHCAFQGRDRADLLEHSRLHQAD
 HPEKCEPSYSCSNPAALRVHSRVHCTDRPFKCDFCSFDTKRPSLAKHIDKVVHREGAKTENRAPPKDG
 PGESGPHHVPNVSTQRAFCDKCGASFVRDSDLRCHRQHSWDWGENKNSNLVTFPSEGIATGQLGPLVSV
 GQLESTLEPSHDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC004695

ORF Size: 1929 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: [BC004695](#), [AAH04695](#)

RefSeq Size: 2569 bp

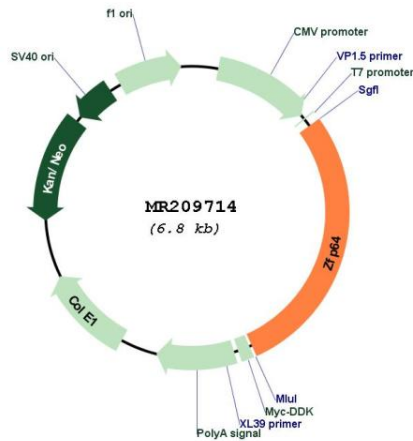
RefSeq ORF: 1931 bp

Locus ID: 22722

Cytogenetics: 2 88.99 cM

MW: 71.8 kDa

Product images:



Circular map for MR209714