

Product datasheet for **RR206923**

Zfp652 (NM_001080207) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp652 (NM_001080207) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp652
Synonyms:	RGD1566329; Znf652
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR206923 representing NM_001080207
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTACACAGCCAGTCTTGTGAGCAACTGGTTGAACCTGTGCAGTGCATGCAGAAGGAATGGCCC
 AGGAAGAGAGCCATCGAAGTCAAGCACCACTACCTTCTATCATGGTGCTAGCCAGGAGCTCGACCTGTC
 CACCAAAGTATATAAAAGGGAATCTGGAAGCCCTTACTCTGTTCTAGCAGATTCCAAGATGAGCAAAACCA
 CATCTCCACGAGACCGAGGAGCAGCCATATTTACGGGAGCCAAGGGCAGTGTCTGACGTGCACACTGTCA
 AAGAAGACCGGGAGAATTCTGATGACACAGAAGAGGAGGAGGAAGTCTTTACAAAGGGAGCAGATCAT
 AGTGGAGGTAAACCTTAATAATCAACATTAATGTATCTAAAGGGGAAAAGGGTGTCTCTTCTCAGTCC
 AAAGAGACTCCTGTTCTTAAGACAAGCAGCGAGGAAGAAGAGGAAGAGACTGAGGAGGACGCCACAGATA
 ACAGCAGTGAACACGAGAGAACGGACGGCAGAAGAAAAAGGAGAAGCAAGTGGAGAAAGTCAGGGTTAC
 ACAAAGGCGAACCAGGAGAGCTGCCTCTGTTGCCGAGCTACCACTTCCCCTACGCCCCGTACAACCTCGA
 GGCCGGAGGAAGAGTGCAGAGCTACCTAAGAGGAAGAAGCGGGCCGCAAGGAGCCTAAAGCGCCAGTCC
 AGAAAGCTAAGTGTGACGAGAAAGAGACTCTCACCTGTGAGAAGTGCCCTAGGGTGTAACTCGCTG
 GTACCTGGAGAAGCACATGAACGTTACTCACAGGCGCATGCAGATCTGTGATAAATGTGGCAAGAAGTTT
 GTCCTGGAAGTGAAGTGTCCCTTACCAGCAGACAGACTGTGAAAAAACATTCAGTGTGTCTCTGTGA
 ACAAATCCTTCAAGAACTCTGGTCCCTTCATGAACATATCAAGATTGTCCATGGATATGCAGAAAAAAA
 ATTTGCCTGTGAGATTTGCGAGAAGAAGTTCTATACCATGGCTCATGTACGGAACACATGGTTGCACAC
 ACAAAGACATGCCATTTACATGTGAGACCTGTGGAAGTCTTTCAAGCGCAGTATGTCACTCAAGGTGC
 ACTCCTTGACGATTCTGGAGAGAAACCTTTCAGATGTGAGAACTGCGACGAGAGGTTCCAGTACAAGTA
 CCAGCTCCGCTCCACATGAGCATCCACATCGGGCACAAGCAGTTCATGTGCCAGTGGTGCAGCAAGGAC
 TTCAACATGAAGCAGTACTTCGACGAGCAGATGAAGACGCACTGGAGAGAAACCTTTTATCTGTGAAA
 TCTGTGGCAAAAGCTTACCAGTCGACCAACATGAAGAGGCACCGCAGAACTCACACAGGCGAGAAGCC
 CTACCCCTGTGACGTGTGTGGTCAAGCGTTCCGCTTTTCAACATGCTGAAGGCCACAAGGAGAAGTGC
 TTCCGAGTGACGAGCCAGTGAATGTGCCACGAGCGTCCAGATCCCATTGGCCTCAGCTCCAGCCGCTC
 CAGCTCCAGCCGTGGCAACACTCCACGAGCCAGCCCCGAGTCAGTATGAACCTGTGGGTAGTGC
 ACTTCCCTCAAGACCCGTCCACACCCCTTCTCACACCTGCACATCCACACGCATCCACACCACTCGCAC
 CACCTTCCCATCCCTCCTGTGCCTCACCTGCCCGCCTCCAGCTCTCTTCAAGAGTGAGCCCTAAACC
 ACAGAAGCCAGAGCGAGGACACCTTTCTGAGGCACCTGGCGGAGAAGAACAGCCAGCCAGGCCAGCA
 TCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206923 representing NM_001080207
 Red=Cloning site Green=Tags(s)

MSYTASPCQELVEPCAVHAEGMAQEESHRSQAPPTFYHGASQELDLSTKVYKRESGSPYSVLADSKMSKP
 HLHETEEQPYFREPRVSDVHTVKEDRENSDDTEEEVSYKREQIIVEVNLNNQTLNVSKGEKGVSSQS
 KETPVLKTSSEEEEEETEEDATDNSSDYGENGRQKKKEKQVEKVRVTQRRTRRAASVAAATTSPTPRTR
 GRRKSAELPKRKKRAAKEPKAPVQKAKDEKETLTCEKCPRVFNTRWYLEKHMNVTHRRMQICDKCGKKF
 VLESELHQQTDCEKNIQCVSNKSFKKLWSLHEHIKIVHGYAEKKFACEICEKKFYTMHVRKHMVAH
 TKDMPFTCETCGKSFKRSMKLVHSLQHSGEKPFRCNCDERFQYKQLRSHMSIHHGHKQFMCQWCGKD
 FNMKQYFDEHMKHTHGEKPFICEICGKSFTSRPNMKRHRRTHTGEKPYPCDVCGQRFRFSNMLKAHKEKC
 FRVTSPPVNPVAVQIPLASAPAAPAVANTPTSPAPAVSMNPVGSALPSRPVPHPFSLHLHIHTPHHSH
 HLPIPPVPHLPPPPALFKSEPLNHRQSSEDFTLRHLAEKNSPAQAQHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001080207

ORF Size: 1824 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_001080207.1](#), [NP_001073676.1](#)

RefSeq Size: 2641 bp

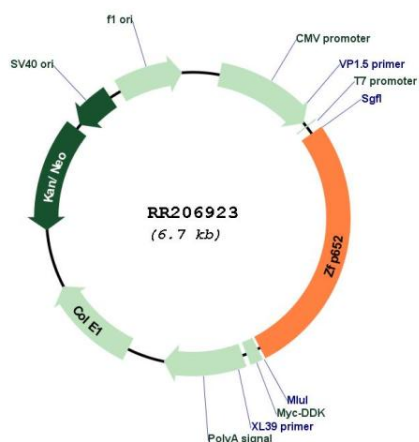
RefSeq ORF: 1827 bp

Locus ID: 497984

UniProt ID: [A1L1J6](#)

Cytogenetics: 10q26
MW: 69.6 kDa
Gene Summary: Functions as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR206923