

Product datasheet for RR211532

Zic3 (NM_001109019) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zic3 (NM_001109019) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zic3
Synonyms:	RGD1561261
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211532 representing NM_001109019 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCAACCGCAGCCTGCAGCCATGGGATTGAATCCCTTCGGGGACTCAACCCACGCTGCGGCCCGC
CCGCTGCCGTGCCGCTCAAGCTGAGCCAGCCACCGCTCACGATCTGTCTTCGGGCCAGAGCTCAGC
TTTCACACCGCAGGGTTCAAGTTATGCCAATGCCCTGGGCCACCATCACCATCACCACCACCACCATCAC
GCCAGCCAGGTGCCACCTACGGCGGCGCTGCCTCTGCCGCTTCAACTCCACGCGGACTTTCTGTTC
GTCAGCGCGGTTCTGGGCTCAGCGAGGCTGCCTCCGGGGCGGGCAGCACGGGCTTTTCGCCGGCTCCGC
GAGCAGTCTTACGCTCCAGCTGGTATTCTGAGCCTCCTAGCTACTTGTCTTTCTGGGCTTCATGAG
CAGGGCGCGGGCACCCGTCGCCACAGGGCACGTGGACAACAACCAGGTCCATCTGGGGCTGCGCGGGG
AGCTATTTGGCCGTGCCGACCCGTACCGCCCGTGGCTAGTCCGCGCACGGACCCCTACGCGCCAGTGC
GCAGTTCCCTAACTACAGCCCCATGAACATGAACATGGGCGTGAACGTGGCGGCCACCACGGACCCGGC
GCCTTCTTTGTTACATGCGGCAGCCCATCAAGCAGGAGCTGCTCCTGCAAGTGGATCGAGGAGGCTCAGC
TGAGCCGGCCCAAGAAGAGCTGCGACCGGACCTCAGCACCATGCATGAGTTGGTTACGATGTCACCAT
GGAGCATGTGGGGGCCCGGAGCAGAACAACCAGTCTGCTATTGGGAGGAATGTCCCGCGAAGGCAAG
TCCTTCAAGCGAAGTACAACTGGTCAACCACATCCGAGTGCACACTGGCGAGAAGCCCTTCCCATGTC
CCTTCCGGGCTGCGGGAAGATTTTTCGCCGCTCTGAGAACCTCAAGATCCACAAGAGGACCCACACAGG
TGAAAAACCTTTCAAATGTGAATTCGAAGGCTGTGACAGACGTTTCCAAACAGCAGCGACCCGAAGAAG
CACATGCATGTGCACACCTCGGACAAGCCCTATATCTGTAAGTGTGCGACAAGTCTACACACATCCGA
GCTCTCTGCGAAACACATGAAGTGTGCTGCTTGGTATCTGGGACAGACTCTAATTCCTGATGAAGA
ACTTGCTACTGACGTTGGTATGCAGCAAGCAGTCTCTATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR211532 representing NM_001109019
 Red=Cloning site Green=Tags(s)

MPNREPAAMGLNPFGDSTHAAAAAAAAAFKLSPATAHDLSSGQSSAFTPQSGSYANALGHHHHHHHHHH
 ASQVPTYGGAASAAFNSTRDFLFRQRGSLSEAASGGGQHGLFAGSASSLHAPAGIPEPPSYLLFPGLHE
 QGAGHPSPGTGHVDNNQVHLGLRGELFGRADPYRPVSPRTDPYAAQAQFPNYSMPNMNMVNVAAHHGPG
 AFFRYMRQPIKQELSCKWIEEAQLSRPKKSCDRTFSTMHELVTHVTMEHVGGEQNNHVCYWECCPREGK
 SFKAKYKLVNHIRVHTGEKPFPCFPGCGKIFARSENKLIHKRTHTEKPFKCEFEFGCDRRFANSSDRKK
 MHMVHTSDKPYICKVCDKSYTHPSSLRKHMKCCPAWYLGQTLIPDEELATDVGMQQAVALLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

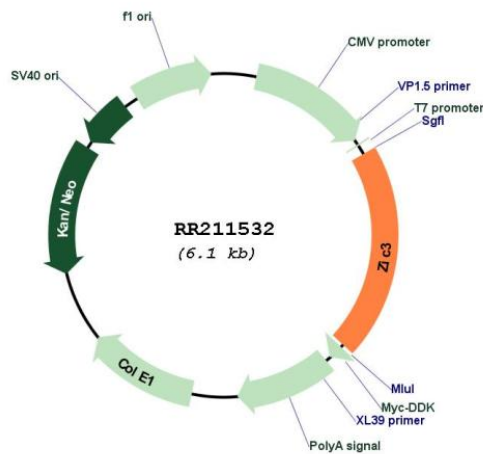
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109019

ORF Size:	1233 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:	<ol style="list-style-type: none">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_001109019.2 , NP_001102489.1
RefSeq Size:	1236 bp
RefSeq ORF:	1236 bp
Locus ID:	367944
Cytogenetics:	Xq36
MW:	45 kDa