

Product datasheet for **MR221634**

Zmiz2 (NM_028601) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmiz2 (NM_028601) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zmiz2
Synonyms:	Zimp7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR221634 representing NM_028601
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCCCATGAACCCCATGAAACCCGCCTGCCCCCTGCACCACACGGTGATGGTTTCATTTGCATATG
 AGTCTGTGCCTTGGCAACAAAGTGCCACTCAGCCAGCTGGGTCACTGTCTGTGGTCACTACTGTGTGGG
 AGTTGGCAACGCAACCCAGAGCCAGGTTTTAGGGAACCCCATGGGCCCTGCAGGAAGCCCCCTGGTGGT
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 TTGCTGAAGGAGGTGCTAGCAAGAGCTACGTACAGCAAGGCGTGTATGGCCGAGGGAGCTACCCTGGGG
 ATCCAGCTTCACTACTGGGTATGCAGGAGGCCCTGCAGGCCTGGGGTCCCCACACATGCAGCACGGCCC
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 AACCTTCAGGCATGGGAGGAATGATGGGCCCTCTGGCCTTTCTCAATGGCCATGACTCCTACCCGGG
 CAGCAGGCATGACACCCTTATATGCAGGACAGCGACTGCCTCAGCATGGGTACCTGGGCCCTCCGACGG
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 GATGATCTGCTCACTTTCGAGAACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221634 representing NM_028601
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MNPMNPMKPALPPAPHDGGSFAYESVWPQQSATQPAGSLSVVTTVWGVGNATQSQVLGNPMGPAGSPPGG
 SMMPGVAGSSALTSPQCLGQQAFAEGGASKSYVQQGVYGRGSYPGGSSFTTGYAGGPAGLGLPHTAARP
 STDFTQAAAAAATAATATATATVAALQEKQSQELSOYGMGTGQSFNSQFLQHGPPRGPSVPPGM
 NPSSGMMGMPGSLSSMAMTPTRAAGMTPLYAGQRLPQHGYGPPGQPLPRQGIKRAYSEVYPPGQYLQ
 GGQYAANTAQYAPGPGQPPGPASSYAGHRLPLQQGMAQSLSAPGPTGLHYKPTQFNQGGASFNGGSI
 SQPGLSGPSRSIPGYSSPLPGNTPPMTSSNVPMSPSQEVKSPFLPDLKPLGSSLHPSASVHCDE
 LRLTFPVRDGVLEPFRLQHNLA VSNHVFQLRDSVYKTLMLRPDLELQFKCYHHEDRQMNTPASVQVS
 VNATPLSIERGNKTSKPLYLKHVCQGRNTIQTIVTACCCSHLFVLQLVHRPSVRSVLQGLLKKRLLP
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 NCEGRTWRCPVCNKTALLEGLEVDQYMLGILIIYIQNSDYEEITIDPTCSWKVPVVKPDLHIKEPDGPVL
 KRCRTVSPAHLMPVMEIAALGPGAAPFAPLQPPSAPTPSDYPSQGSNFMGPGTFPESFPSATPTTPN
 LAEFTQGPPPISYQSDIPSSLLTPDKSTPCLPGQMAPAGHLDPAHNPGPPGLHTPNLGPPTGTLHHPNP
 SPASRQLGQPNTGPISELAFNAPASGMMGPPSMTGAGEASEPALDLLPELTPDELLELQGLGPPDLPTNSS
 DLLLSLFENN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

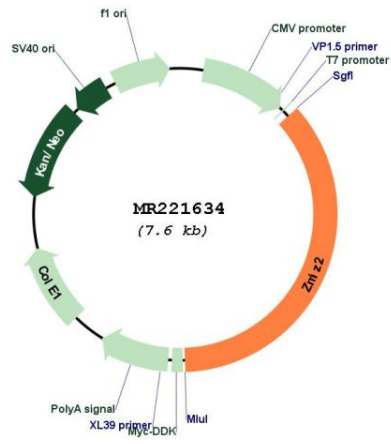


ACCN: NM_028601

ORF Size: 2760 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_028601.3
RefSeq Size:	4203 bp
RefSeq ORF:	2763 bp
Locus ID:	52915
UniProt ID:	Q8CIE2
Cytogenetics:	11 3.95 cM
MW:	97.2 kDa
Gene Summary:	Increases ligand-dependent transcriptional activity of AR and other nuclear hormone receptors.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221634