

Product datasheet for MR21598

Zfp217 (NM_001033299) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp217 (NM_001033299) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp217
Synonyms:	4933431C08Rik; AW987152; Gm562; ZABC1; Znf217
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR21598 representing NM_001033299 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGACCCAGTCCCTCCTCGTGACATGGACGGGCCGGAAGTCTCAGCAGCTCTCTAGGCTCCCAGA
TGGAGGTGGATGATGCTGTGCCATAAAAGGGCCGGTGGCAGTCCCCTCCGAGCTGCTCAGGAGAAGAG
CATGGCCGTGGCAGAGGGCCACATGCCCTGGATTGCATGTTCTGCAGCCAGGTCTTCTCTCAGGCGGAG
GATCTCAGTCAGCACGTGCTGCTGCAGCACCGGCCACCCTCTGCGAGCCAGCTGTCTCGTGTGGAGG
CCGAGTACCTAAGTCCCCTTGATAAAGCTCTGGAGCCAACAGAGCCAGCATTGGAGAAGAGTGGCGAAGA
CCCCGAGGAGTTGAGCTGTGATGTGTGGCAGACATCCCAAGTGGCTTTTGATGTTGAGAGCCACATG
AAGAAGCATAAGGACTCCTTCACGTATGGTGCAGCATGTGCGGGAGGAGATTCAAGGAGCCGTGTTCC
TGAAGAACCACATGCGGACACACAATGGCAAGTCTGGCACCAGGAGCAAGCTTCAGCAAGGCATGGAGAG
TCCAGTACCAATCAATGAAGTGGTCCAGCCGCACGCCCTGGGAGCATCTCCACGCCCTACAAGATCTGC
ATGGTCTGCGGCTTCTCTTCCCAAATAAGCAGAGCCTCATTGAGCACAGCAAGTTTACGCCAAAGAAA
CTGTCCCAGTGGCAGCAACGTTGCCCTGATGACCACCGAGAGGAACCCACGTCCCCGAGGGAAGAGTT
GCTGCAGTTTTTGAAGTGGACCCAGATCAACTGCAGGTAGTACAGTGAAGCCCATGACCTGCATACT
CAGCTTGACCCGTTACCACCTACCAGGCATGGCAGTTGGCTACCAAAGGAAAAGTGGCCGTTGCCAGG
AAGAGGTGAAAGAGTCAAGCCAAAGGAAGCAGACAATGACGACTCATGCTCAGAGAAAGAGGAAGT
AGGGGAAATATGGGTTGGGGTAAAGCGGAAGGTCTGGAAGTCCAAAACAAGTAAAAGCAGTTGTCCA
GGTCTCTCCAAAGACAAAGAGAAGCCTAGACATGCTAATAGTGAAGTGCCTTCTGGGGATAGTGACCCCA
AGTTGTCCAGTAGCAAGGAGAAGCCACGCACTGTTCTGAGTGCAGCAAAGCCTCAGGACATACCACCA
GCTCGTCTGCACTCGAGGGTGCACAGGAAGGACAGGAGGACTGATGCCCTGTCACCCACCATGGCTGTG
GATGCAAGGCAGCCTGGGACCTGCTCCCAGACCTCAGCACCCTCTGGAAGACAGTGGGGCCGGGGACC
GAGAAGGGGGCTCTGAAGACGGGTCTGAGGATGGACTCCCTGACGGGCTCCATTTGGATAAAAATGATGA
TGGAGGAAAAGCGAAGCCCTCCCGTCTCGAGAGAGTGTAGTACTGTGGCAAGTTTTTCCGTTCAAAC



[View online »](#)

TATTACCTCAATATTCATCTCAGAACGCATACAGGTGAAAAACCATACAAATGTGAATTCTGTGAGTATG
 CCGCAGCCAGAAGACATCTCTGAGGTACCACTTGAGAGACATCACAAAGACAAGCAGCCGGTGGATGC
 TGCCGCTGAGTCCAAAAGTGAAGGCCGAGCCAGGAGCCGAGGATGCGCTACTAACGGCTGCTGACAGT
 GCGCAGACCAAAAATTTAAAGAGATTTCTTGATGGTGCCAAAGATGTTAAGGGAAGCCACCTGCCAAGC
 AGCTTAAGGAGATGCCTTCTGTCTTCCAGAGTGTCTCTACCAGCACACAGCAACGATACTCAGGATTT
 CCATAAACATGCAGCTGATAGTGTGAGAAAGCGAGGAAGAGCCCTGCCCTACTTATCTGGACATGCAG
 AGAAAGAAGCAGGGGAGCCTCAGGCCAGCAGCCCTGTCTGCAGACTAGAGGGGTTGGTCTTATGACAC
 GGAAGCTGGCCATAGGGAGAAGATGGATCAGGATGCTGACTACAGACATAAGCCCGGTGCTGACTGCCA
 GGACAGGCCTTTGAATCTATCCCTTGGGCCCTCCACGCCTGTCTGCAATCTCTTTGAGCAAGTGTCTG
 ATCCCCAGCATTGCCTGCCCTTTTGTACTTTCAAGACCTTTTATCCGGAAGTCTTATGATGCACCAGA
 GACTTGAGCACAGGTACAACCTGACCCGCACAAGAACGGCAGCAGCAAGTCTGTGCTGAGGAACAGGCG
 TACCGGTGCCCTCCGGCTTGTGGGAAAAGATGTCCCTCCCTGTCTGGCTGCACAAGCCAAAGGCC
 AAGACTGCCTTCTACCACACTCGAAGTCCCTGCACTCAGAGAAGGCTCGGCAGGGGGCTCGGGGCCAA
 GCAAAGCACCCAGACTTCAGGACCAGACAACAGCACTTAGCCCAAGTAACTGAAGTACACAGGTC
 ACAACCAATGCTGGGGCACCAGTGCCACCAGGCAGCAGTCAAGTGTTCCTCCAAAGGTGGCGTC
 CCTGCTGCTATGGATAAGGTGAAGAGACCTGAGCCAAAAGTGAAGTCCCTACCAGCTCCCGTCTCAGT
 CCCCCCTCAGCAGTAATAATAGCAACGGTCTGTGTGAGTATCCCGTGAAGTTGACGGCCATGGGCACA
 GCAAGGGAGAGACTACTACTGCCATCGAATTCTGGCAGTGCCGACGAGAGTACAGTGAAGCCATCCC
 AAAAGACTCAAGTCCAGTGCAGTGTCCCTGGACACAGAGCATGCAGGGACCAATGGCAGAAGGGCTTTG
 AGCTCCCCAAGTACCATGTGGTCAAGGAGCATCACCTCCTTGTACCACCAGAGTGTGTGCGCCACCGCC
 TGTGCTGCCCCACAAAGCCGTTTCTGAGCCCTGGGGAGGTGGAGTACCCAGTGTGTTGGCTGTGCAG
 AAGCCCTACAGTGCCTCTGGACCCTGTATACCTGTGGACCCTGGGACACGAGGAGGCCAGCCAGCCC
 TTGAAGGAAAGAGGCCTGTGTACATCAGCACCTATCTAACAGCATGCTGCAGAAGAGAAGCTATGAGAA
 TTTTATTGGAAATACACATTACCGACCAATGACAAAAAACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215598 representing NM_001033299

Red=Cloning site Green=Tags(s)

MPTQSLLVYMDGPEVLSSSLGSQMEVDDAVPIKGPVAVPFRAAQEKSMVAEGHMLDCMFCQVFSQAE
 DLSQHVLLQHRPTLCEPAVLRVEAEYLSPLDKALEPTEPALEKSGEDPEELSCDVCQTFFPVAFDVESHM
 KKHKDSFTYGCSMCGRRFKEPWFKNHMRTHNGKSGTRSKLQQGME SPVTINEVVQPHAPGSI STPYKIC
 MCVGFLFPNKQSLIEHSKVHAKETVPSASNVAPDDHREEPTSPREELLQFLNLRPRSTAGSTVKPMT CIP
 QLDPFTTYQAWQLATKGVAVAQEEVKESGQEGSTDNDSCSEKEELGEI WVGGKAEGSGKSKTSKSSCP
 GLSQDKEKPRHANSEVPSGSDPKLSSSKEKPTHCSKAFRTYHQLVLHSRVHRKDRRTDAL SPTMAV
 DARQPGT CSPDLSTTLED SGAGDREGGSEDGSEDGLPDGLHLDKNDDGGKAKPLPSSRECSYCGKFFRSN
 YYLNIHLRTHTGEKPYKCEFCEYAAAQKTS LRYHLERHHKDKQPVDAAAESKSEGRSQEPDALLTAADS
 AQTKNLKRFLDGA KDVGKSPPAKQLKEMPSVFQSVLSPAHSNDTQDFHKHAADS AEKARKSPAPTYLDMQ
 RKKAGEPQASSPVCRLEGVGLAREAGHREKMDQDADYRHKPGADCQDRPLNL SLGPLHACPAISLSKCL
 IPSIACPFCTFKTFYPEVLMHQRL EHRYPDPHKNSSKSVLRNRRTGCPPALLGKDVPLSGLHHPKA
 KTA FSPHSKSLHSEKARQGASGPSKAPQTS GPDNSTLAPSNLKS HRSQPNAGGTSATRQQQSELFPKGGV
 PAAMDVKVRPEPKL KSLPASPSQSPLSSNNSNGSVEY PVKVDGPWAQQGRDY YCHRNSGSA AEYSEPH
 KRLKSSAVSLDTEHAGTNGRRGFELPKYHVRSITSLLPPECVRPPPVLPHKARFLSPGEVESPSVLA VQ
 KPYSASGPLYT CGPVGHAGGSPALEGKRPVSHQLSNSMLQKRSYENFIGNTHYRPNDKKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9098_f04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001033299

ORF Size: 3123 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_001033299.3](#), [NP_001028471.1](#)

RefSeq Size: 5685 bp

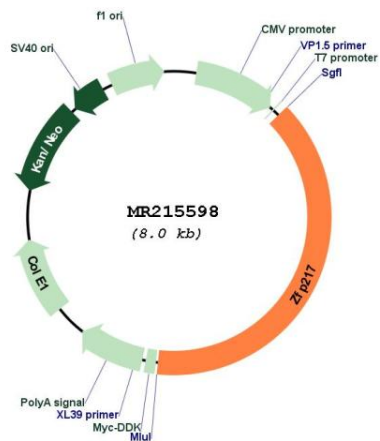
RefSeq ORF: 3126 bp

Locus ID: 228913

Cytogenetics: 2 89.91 cM

MW: 113.6 kDa

Product images:



Circular map for MR215598