

Product datasheet for **MR218975**

Zfp276 (NM_020497) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Zfp276
Synonyms:	AW048709; D8Ertd370e; D8Ertd377e; Znf276
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >MR218975 representing NM_020497
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGCGGGACCGCTCGGCCGCTTCCTGTCTCCCGAATAGCTCGGCAGCGCGGGGTTCTGGGCGGCG
 GCTGTGGAAGCGGTGCGACTCGGGGTGCGCCTTCTCGCAGCGCGGAACGAGCGCTGACGGGGCGGCTGC
 TCAGCTCAGCTGGGGTTCGATGACACGCTCCTGCGGGGACACAGGCGACGCGTACAGACGAAGCTGGA
 GCAGGCGGACTCTCGCTATGGGGCATTGTGACTCTGCCATGGGAAGTTTCTCAGCGAGCCTCCGAA
 GCATCTCTGACAGAGTGCCTGGGGAGACTTCAGAAAGACTGTCCCAGGAGAGCGTGTCTTCATTAGGGA
 CTTCCAGCGTCTGCTGGGTGTGCTGTGCACAGGACCCAGCCCTGCCTCAGTCTGTCTGCAAGAACTGC
 TACACCAATTCTATCAGTGCCACAGCCTTCTCAGGACCTTCTTACAGAGAGTCAACGTCTCCCCAGCTG
 GCCAGAGGAAGCCTTGACAAAGTTGGTGTTCAGCCTACCACAGTGGCAGAGGAGGAGCATGTGTGGC
 TGACCTGATCGCTCCAGCCCTCGGTGTCTGCACGGCTTGGTGGGCTGGTGCATGAGCATGCACTCAGC
 TGTGGGTCTCTGCCCAGCTCCAGAGGACACTGTCTCTGAGTACTGCGGCATCATCCAGGCTGTGTGGG
 GCTGCGACAGGGCCACGACTTCACCATGGACACAGCCTCCAGCTGCAGAGCTCTCTTTTGGACAGTGC
 ATTAGCAGTGAAATGGGCGTGGGGCAAGGACCTGTACCACGGCTGGCCAGAACTCAGAGTCCAAACCC
 ACGGGAGCTGCCTCTCGGCTCTGCCAGGCCAGAGAAACCAAGTTGGATCTGAGACCAAGACACTCCCCA
 GTGTGGATGTGGCCCTGCTGCACTCACATGGAGACTCTGTGGGACCTGGGCTAGGCCCTGTACGCAGCC
 ACACCTGGCTCCAGTGAGGCCCCAGGGCAACTGGGTGAGACGAGGTTCCCTCGTCAACCTCGGATGAT
 CGGGTAAAAGACGAGTTTCACTGACCTTTTCTGAGGGAGACTTCTGAGCGAAGATGAGAGTGATAAGAAAC
 AGACACCTCAGTCTCGGATGAGTCTTTGAGCCTTACCCAGAAAAGAAGTCTCTGGTAAGAAGAGCGA
 AGGCAGAGAAGCCAAGAGGCCCTGAAGAGCCCAAGATCAGAAAGAAGCCTGGGCCCAAGCCCGGATGGAAG
 AAAAGCTTCGCTGTGAGAGGGAGGAGCTGCCCCACCATCTACAAGTGTCCTTACCAGGGCTGCACAGCTG
 TATACCGTGGCGCTGATGGCATGAAGAAGCACATTAAGGAGCACCATGAGGAGTCCGGGAAAGGCCCTG
 CCCACACCTGGCTGCAACAAGGTATTCATGATCGACCGATACCTTCAGCGACACGTGAAGCTCATCCAC
 ACAGAGGTCCGCAATTACATCTGTGACGAGTGCGGGCAGACCTTCAAGCAGCGGAAGCACCTTCTCGTCC
 ACCAGATGCGCCACTCGGGAGCCAAGCCACTGCAGTGTGAGGTCTGTGGGTTCCAGTGCAGGCAACGAGC
 ATCCCTCAAGTACCACATGACCAACACAAAGCAGAGACTGAGCTGGACTTCGCCTGTGACCACTGCGGC
 CGACGCTTTGAAAAGGCCCAACCTCAACGTGCATATGTCCATGGTCCATCCTCTGACCCAGGCCCAGG
 ACAGAGCCCTGCCTCTGGAAGCAGAGCCGCCACCTGGGCTCTGAGCCCTCTGGGACCATGGAGGGTCA
 GGCTGTGAAGCCGGAGCCTACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218975 representing NM_020497
 Red=Cloning site Green=Tags(s)

MKRDRLLGRFLSPGIARQRRGGSGGCGSGRTRGRPSRSGGTSADGAAQLSWGSMTRSCGDTGDDGTDEAG
 AGRTLAMGHCRLLCHGKFSRSLRSISDRVPGETSERLSPGERVFIKDFQRLLGVAHVQDPALPQSVCKNC
 YQFYQCHSLRLTFLQRVNVSPAGQRKPKTKVGVQPTTVAEEGACVADLIASSPRCLHGLVGWVHEHAVS
 CGSLPSLQRTLSSSEYCGIIQAVWGCQGHDFMTDASSCRALFLDSALAVKWAWGKDLSPRLAQNSESNP
 TGAASRLCQARETVQGSCTKLPSVDVALLHSHGDSVGPGLPCTQPHLAPSEAPQLGETQVPSSTSD
 RVKDEFSDLSEGDFLSEDESDDKQTPQSSDESFEYPPEKKVSGKKSEGREAKRPEEPKIRKKPGPKPWK
 KKLRCEREELPTIYKCPYQGTAVYRGADGMKKHKEHHEEVRERPCPHPGCNKVFMIIDRYLQRHVKL
 TEVRNYICDECGQTFKQRKHLVHQMRHSGAKPLQCEVCGFQCRQRASLKYHMTKHAETELDFACDQCG
 RRFKAHNLNVHMSMVHPLTQAQDRALPLEAEPPLSPSGTMEGQAVKPEPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9077_a06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020497

ORF Size: 1842 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.

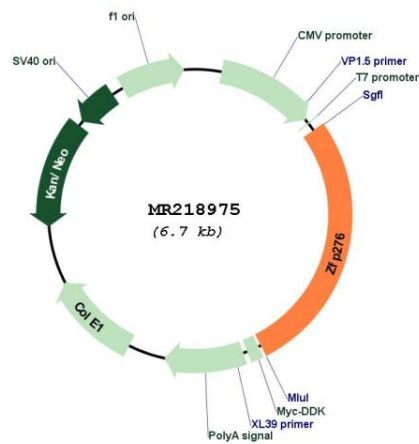
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020497.2](#), [NP_065243.2](#)

RefSeq Size: 4877 bp

RefSeq ORF:	1845 bp
Locus ID:	57247
UniProt ID:	Q8CE64
Cytogenetics:	8 72.09 cM
MW:	67.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218975