

Product datasheet for **MR207772**

Zfp639 (NM_144519) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Zfp639 (NM_144519) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Zfp639 |
| Synonyms: | 6230400O18Rik; ANC-2H01; ZASC1; Znf639 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR207772 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGAATATCCTAAAAAAGAAAAAGGAAGACTTTACACCCTTCTCGCTATTAGATTCTTTCTGGAA
 TAAGCAGAATTGCAGATGGAGTCAGTGGGATTTTTTCTGATCACTGTTACAGTGTCTGCTATGAGACA
 GCCAGACTTAAAAATTTTGACAACAAAGATGATGATTCTGATCCTGAGACAGCAATGACTTGCCCAAA
 TTTGCAGATGGAACCAAGGCCAGAAACAGGAATCAGAGCTACCTGGTTCCAGCCCTGTGCTTAGGATTC
 TAGACCACACTGTCTTTCCACAGAAAAATCTACTGAAGTTGAGATCTGTGATGAAGAATGTGCCTCACC
 TGAGTCAGTGCATCAGCATACTCAAGAGGAGAGCCCTATAGAAGTTCATACCTCAGAAGACGTCCCAATT
 GCTGTAGAAGTTCATGCAATCTCTGAAGACTATGATATAGAGGCAGAGAACAATTCCTCTGAGAGCCTCC
 AAGACCAGGCCGATGAAGAACCACCAGCTAAACTCTGAAAAATCTTGACAAGGGCCAGGCTTTGAATGT
 GACTGCCAACAGAAGTGGCCTCTCTGAGAGCCAACAGCAGTGGTCTCTACAAGTGTGAACCTTTGTGAA
 TTTAACAGTAAATACTTTTCTGACCTAAAGCAACATGTGATCCTGAAACACAAGGCCACTGACTCGAATG
 TGTGTCGGGTGTGTAAGGAAAGCTTCTCTACCAACATGCTTCTCATTGAACACGCCAAATCCATGAAGA
 AGACCCCTACATCTGTAAGTACTGTGATTACAAGACTGTGATCTTTGAGAACCTCAGCCAGCACATTGCA
 GACACGCACTTCAGCGACCACCTTTACTGGTGTGAGCAGTGTGACGTGCAGTTCTCTCAAGCAGTGAGC
 TCTACCTGCACTCCAGGAGCATAGCCGTGATGAGCAGTACCTGTGCCAGTTCTGTGAGCACGAGACAGG
 GGACCTGAGGACTTGCACAGCCACGTTGTCAACGAGCAGCTCGCAGACTGATTGAGCTGAGTGACAAG
 TGTGGCAGTGGTGGCCATGGGCAGTGCAGCCTTTAAGCAAGATCACCTTTGACAAATGTAAAAATTTCT
 TCGTGTGTCGAAGTATGTGGCTTTCCGAGCAGACTTACACAAATGTCAACAGACACGTGGCTATGCAACA
 TACTAAAAATATCCCTCATGTTTGTGATGACTGTGGGAAGGGCTTTCCAGCATGTTGGAATATTGCAAG
 CATCTAAATTCACATCTATCTGAAGGGATTACTTATGCCAATATTGTGAATATTCAACAGGACAAATTG
 ACGATCTTAAATTCATCTAGATTTCAAGCATTAGCTGACTTGCCCTATAAATGTAGTGAGTGCTTGAT
 GAGGTTTGGGAACGAAAGGGACTTACTCGGTCACCTTCAAGTCCATGAGACTACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207772 protein sequence
 Red=Cloning site Green=Tags(s)

MNEYPKRKRKTLHPSRYSDSSGISRIADGVSGIFSDHCYSVCSMRQPDLYFDNKDDSDPETANDLPK
 FADGTKARNRNQSYLVPSPVLRILDHTVFSSTEKSTEVEICDEECASPESVHQHTQEESEPIEVHTSEDVPI
 AVEVHAISEDYDIEAENNSSESLQDQADEEPPAKLCKILDKGQALNVTAAQKWPILLRANSSGLYKCELCE
 FNSKYFSDLKQHVILKHKRTDSNVCRVCKESFSTNMLLIEHAKLHEEDPYICKYCDYKTVIFENLSQHIA
 DTHFSDHLYWCEQCDVQFSSSELYLHFQEHRSDEQYLQCFEHETGDPEDLHSHVNEHARRLIELSDK
 CGSGGHGQCSLLSKITFDKCKNFFVCQVCGFRSRLHTNVNRHVAIEHTKIFPHVCDDCGKGFSSMLEYCK
 HLNHSLSEGIYLCQYCEYSTGQIDDLKIHLDFKHSADLPHKCSECLMRFGNERDLLGHLQVHETT

TRTRPLEQ**KL**I**SEEDLA**ND**ILDYK**DDDD**KV**

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_144519

ORF Size: 1458 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_144519.4](#), [NP_653102.1](#)

RefSeq Size: 2038 bp

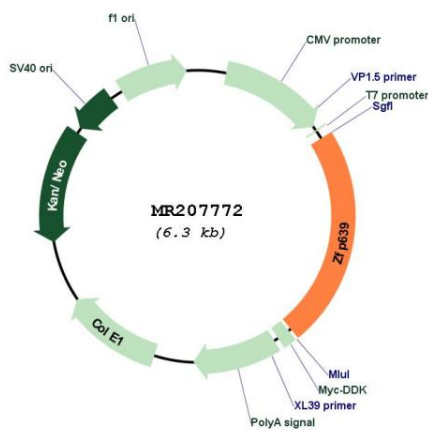
RefSeq ORF: 1458 bp

Locus ID: 67778

UniProt ID: [Q99KZ6](#)

Cytogenetics: 3 A3
 MW: 55.7 kDa
 Gene Summary: Binds DNA and may function as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207772