

Product datasheet for MR205302

Zfp652 (BC055752) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp652 (BC055752) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp652
Synonyms:	MGC67134, ZNF652
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205302 representing BC055752 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTACACAGCCAGTCCTTGTCCGGAGCTGGTTGAACCCGTGCAGTGCATGCAGAAGGAATGGCCC
AGGAAGAGAGCCATCGAAGTCAGGCGCCACCCACCTTCTACCATGGTGCCAGCCAGGAGCTCGACCTGTC
CACCAAAGTGTATAAAAGGGAGTCTGGAAGCCCTTACTCTGTGCTAGCAGACACCAAGATGAGCAAACCA
CATCTCCACGAGACGGAGGAGCAGCCATATTTAGGGAGCCAAGGGCAGTGTCTGATGTGCATACTGTCA
AGGAAGACCGGGAGAATTCTGATGACACGGAAGAGGAGGAGGAAGTCTTTACAAAAGGGAGCAGATCAT
AGTGGAGGTAAACCTTAATAACCAACATTAATGTCTCTAAAGGGGAAAAGGGTGTCTCTCCAGTCC
AAAGAGACGCCTGTCTTAAGACAAGCAGTGAGGAAGACGAGGAAGAGACTGAGGAGGAGGCCACAGATA
ACAGCAGTGACTACGGAGAGAACGGACGGCAGAAAGAAAAGGAGAAGCAAGTGGAGAGAGTCAGGGTTAC
ACAGAGGCGAACC CGGAGAGCGGCTCTGCTGCCGAGCTACCACTTCCCTGCACCCCGCACTCGA
GGCCGTAGGAAAAGTGCAGAGCTACCAAGAGGAAGAAGCGGGCCACCAAGGAGGCTAAAGCGCCAGTTC
AGAAAGCTAAGTGTGAAGAGAAAGAGACTCTGACCTGTGAGAAGTGGCCAGGGTGTAACTACTCGCTG
GTACCTGGAGAAGCACATGAACGTTACTCACAGGCGCATGCAGATCTGTGATAAATGTGGCAAGAAGTTT
GTCCTGGAAAGTGAGCTGTCCCTTACCAGCAAACAGACTGTGAAAAAACATTACAGGTAGGTCTCACCA
CGGAGGGCAAAGTTTCCAGGCTAGGACCTGGCTGTTCCAGAGTCATCTGGTGTCTGCCCAAGAGGATAGA
GGCTGAAGGGACAGATTTACCAATTATCACTTAGACTCTGCTGCTGGGTCTTTTCAAACCAAGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205302 representing BC055752
Red=Cloning site Green=Tags(s)

MSYTASPCPELVEPCAVHAEGMAQEEESHRSQAPPTFYHGASQELDLSTKVYKRESGSPYSLADTKMSKP
 HLHETEEQPYFREPRAVSDVHTVKEDRENSDDTEEEVSYKREQIIVEVNLNNQTLNVSKGEKGVSSQS
 KETPVLKTSSEDEEEETEEATDNSSDYGENGRQKKKEKQVERVVTQRRTRRAASAAAATTSPAPRTTR
 GRRKSAELPKRKRATKEAKAPVQKAKCEEKETLTCEKCPRVFNTRWYLEKHMNVTHRRMQICDKCGKKF
 VLESELHLHQQTDCENIQVGLTSGGQSFQARTWLFVWCLPKRIEAEGTDFTNVHFRLCCLGLFKTKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9042_d05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC055752

ORF Size: 1050 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: [BC055752.1](#)

RefSeq Size: 1901 bp

RefSeq ORF: 1052 bp

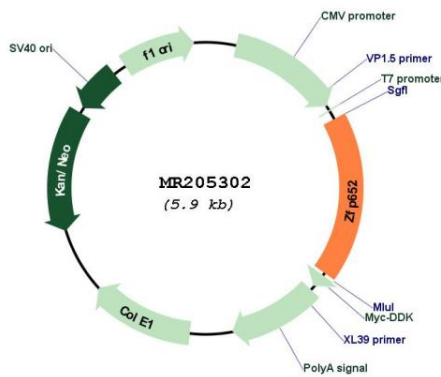
Locus ID: 268469

Cytogenetics: 11 D

MW: 69.6 kDa

Gene Summary: Functions as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205302