

Product datasheet for **MG205302**

Zfp652 (BC055752) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp652 (BC055752) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp652
Synonyms:	MGC67134, ZNF652
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205302 representing BC055752 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTACACAGCCAGTCCTTGTCCGGAGCTGGTTGAACCTGTGCAGTGCATGCAGAAGGAATGGCCC
AGGAAGAGAGCCATCGAAGTCAGGCGCCACCCACCTTCTACCATGGTGCCAGCCAGGAGCTCGACCTGTC
CACCAAAGTGTATAAAAGGGAGTCTGGAAGCCCTTACTCTGTGCTAGCAGACACCAAGATGAGCAAACCA
CATCTCCACGAGACGGAGGAGCAGCCATATTTAGGGAGCCAAGGGCAGTGTCTGATGTGCATACTGTCA
AGGAAGACCGGGAGAATTCTGATGACACGGAAGAGGAGGAGGAAGTCTCTTACAAAAGGGAGCAGATCAT
AGTGGAGGTAAACCTTAATAACCAACATTAATGTCTCTAAAGGGGAAAAGGGTGTCTCTCCAGTCC
AAAGAGACGCCTGTCTTAAGACAAGCAGTGAGGAAGACGAGGAAGAGACTGAGGAGGAGGCCACAGATA
ACAGCAGTGAACGAGAGAACGGACGGCAGAAAGAAAAGGAGAAGCAAGTGGAGAGAGTCAGGGTTAC
ACAGAGGGCAACCCGGAGAGCGGCTCTGCTGCCGAGCTACCACTTCCCTGCACCCCGCACTCGA
GGCCGTAGGAAAAGTGCAGAGCTACCAAGAGGAAGAAGCGGGCCACCAAGGAGGCTAAAGCGCCAGTTC
AGAAAGCTAAGTGTGAAGAGAAAGAGACTCTGACCTGTGAGAAGTGGCCAGGGTGTAAATACTCGCTG
GTACCTGGAGAAGCACATGAACGTTACTCACAGGCGCATGCAGATCTGTGATAAATGTGGCAAGAAGTTT
GTCCTGGAAAGTGAGCTGTCCCTTCACCAGCAAACAGACTGTGAAAAAACATTACAGGTAGGTCTCACCA
CGGAGGGCAAAGTTTCCAGGCTAGGACCTGGCTGTTCCAGAGTCATCTGGTGTCTGCCCAAGAGGATAGA
GGCTGAAGGGACAGATTTACCAATTATCACTTTAGACTCTGCTGCTGGGTCTTTTCAAACCAAGGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205302 representing BC055752
 Red=Cloning site Green=Tags(s)

MSYTASPCPELVEPCAVHAEGMAQEE SHRSQAPPTFYHGASQELDLSTKVYKRESGSPYSVLADTKMSKP
 HLHETEEQPYFREPRAVSDVHTVKEDRENSDDTEEEEEVS YKREQIIVEVNLNNQTLNVSKGEKGVSSQS
 KETPVLKTSSSEDEEEETEEEATDNSSDYGENGRQKKKEKQVERVRVTQRRTRRAASAAAAATTSPAPRTTR
 GRRKSAELPKRKRATKEAKAPVQKAKCEEKETLTCEKCPRVFNTRWYLEKHMNVTHRRMQICDKCGKKF
 VLESELHLHQQTDCENIQVGLTSGGQSFQARTWLF RVIWCLPKRIE AEGTDF TNYHFRLCCLGLFKTKA

TRTRPLE - GFP Tag - V

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

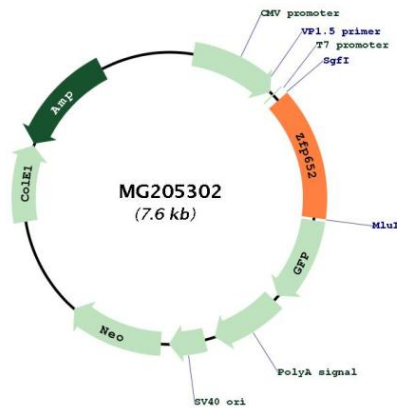
RefSeq ORF: 1052 bp

Locus ID: 268469

Cytogenetics: 11 D

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

Product images:



Circular map for MG205302