

Product datasheet for **MG207731**

Zfp358 (BC040067) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp358 (BC040067) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp358
Synonyms:	Zfend
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207731 representing BC040067
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCCTTCGAGTTTCGACCTCGATCCTGATCCTGACGTGATTGGCCCGGTGCCACTAGTTCTCGACCCAA
 GCAATGACACCCCCAGCCCTGCTGCTCCAGATGTGGATTCCCTTCTTCTGGCCTCACTGCCACCCCGA
 AATCTTGCCACCACTCCAGCGGTGCTTCTGCCCTGCCAGTCCACCTCGTCCGTTCTCTTGTCTGAT
 TGTGGGCGAGCCTTCCGTCGAGCTCTGGGCTGAGCCAGCACCAGCAGCACACAGTGGAGAGAAGCCTT
 ACCGCTGTCCGACTGTGGCAAGTCATTAGCCATGGCGCCCACTGGCCAGCATCGTGGCATCCACAC
 TGGTGCACGGCCCTACCAGTGTGCTGCCTGCGCAAGGCCTTTGGCTGGCGATCCCACTGCTCAAGCAT
 CGAAGCAGCCACAGTGGGAGAAGCCACACCACTGTCCCGTGTGTGGCAAGGCCTTCGGTCATGGCTCGT
 TGCTGGCCCAACACCTGCGCAGCAGCGGCCCTCGTCCCAACAAGTGGCCAGTGTGTGCAAAGGCTT
 TGGGCAGGGCTCTGCGCTACTTAAACACCTGCGCACCCACACAGGCGAGCGTCCCTACCCATGCCCGCAG
 TCGGGCAAGGCCTTTGGGCAGAGCTCAGCGTTGCTCCAGCATCAGCGCACCCACACTGCTGAGCGTCCCT
 ACCGCTGTCCCACTGTGGCAAAGCCTTTGGGCAGAGCTCCAACCTGCAGCACCACCTCCGAATCCACAC
 TGGTGAGCGACCTTATGCCTGCCCACTGCTCCAAGGCCTTTGGGCAGAGTTTACGACTCCTACAACAC
 CTCCACGTGCAATCTGGCGAGCGCCCTACCGTTGTGAGTCTGTGGCAAAGCCTTTGGCAAAGCCTCCA
 GCCTACCAAACATAAGCGTGTGCATGAGGGAGCTGCAGCAGCCGCCCGCTGCTGCTGCTGCCCGCGC
 TGCAGCGGCCACAGCAGTGGGCTGGGCTCGGGTCTGGTTTGAAGCCAGTATCTATGATGAGGCCAGGG
 CAGATCTCTTTCTGGGCTCTGATGCTGTTTCTGTGCTGGAATCTGGCCTGGGCTCAGTCTGGAGCCA
 GCTCTGCCCGAAGTCTGCCCTACTTCTGTACTGGGTTCACTCCAAAATCCCATCCTTCAGACCACTC
 AGGATCTATCTCTAGTCCCGATCTTGTGTTTGTCTTCTGACCCTAAGCCAGGCCATGTTGCTGATCCTGAT
 GTGGTACCAAGTCTGACCAAGAATCTGATCCAGCCCTAACCCCGATCTTGTCCCAAGTCTGACCCCA
 AACCCAAAGTCCAAACTGACCCCTGCTCTCCGACTCACGACAGTCCAGCCAGCCCTTCAACTGGAGA
 AAGTCCCAAGTGGGTAAGGAGGAAGGGCATTGCTGGGCGCTGATGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207731 representing BC040067
 Red=Cloning site Green=Tags(s)

MSSSFDLDPDPVIGPVPLVLDPSNDTPSPAAPDVDSLPSGLTATPEILATSPAVLPAPASPPRPFSCPD
 CGRAFRSSGLSQHRRTHSGEKPYRCPDCGKSF SHGATLAQHRGIHTGARPYQCAACGKAFGWRSTLLKH
 RSSHSGEKPHHCPVCGKAFGHGSLLAQHLRTHGGPRPHKCPVCAKFGQGSALLKHLRHTGERPYPCPQ
 CGKAFGQSSALLQHQRHTAERPYPHCGKAFQSSNLQHHLRIHTGERPYACPHCSKAFQSSALLQH
 LHVHSGERPYPYRCQLCGKAFGQASSLTGKRVHEGAAAAAAAAAAAAAAAAAATAAGLGLGSLSPVSMMPG
 QISFLGPDAVSVLESGLGLSSGASSARSSAPTSVLGSLQNPILQTHSGSISPDVLSSDPKPGHVADPD
 VVPSPDQESDPSPNPDLPSPDPKPKSQTDPCSPTHDSSPALPTGESPKWVKEEGALLGPDG

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC040067

ORF Size: 1449 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: [BC040067](#), [AAH40067](#)

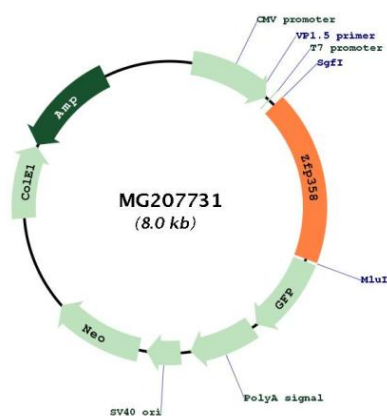
RefSeq Size: 1702 bp

RefSeq ORF: 1451 bp

Locus ID: 140482

Cytogenetics: 8 1.92 cM

Product images:



Circular map for MG207731