

Product datasheet for **MG209497**

Zfp180 (BC063741) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp180 (BC063741) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp180
Synonyms:	D130011P11, HHZ168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG209497 representing BC063741
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGGTCACTGGACATCATGCCTCAGCACAGACTTCAAGATTGTAAGTGTGGACCTTACAGAGGAGG
 GACAGAGCATGTGGAACAATGCCAGAGAACCCAGAGAAAACCGTGATCCTGGAAGGCCACAGGGACCT
 GTGGGACTTGCCAGCTGTACATGGAACAGAAGGAGCCACCGCAAAGCAGACAATCTTCAATGAAGAACCA
 TCCCATGGATTGAAGCTAGAGGGGTGCGCAAGAGATGACCCCTGGCTGTCAACATGTGAAGAAGTCCGAG
 ACTGTAAGGAGCAGTCGGGGAAACAACCGAACAAGCAAGAGGAGGTGGCCTTTACCCAGGGTAGCGCTGG
 CTCTCCTGATACTGTCTACAGGGGTGATGACCCTGACAGGAGTTGCCTGAGTACCAGCCGGCCTTCATTC
 CCCATGATACCCCTCAGAAACATTTCCATAAACAGGCGTCACATGTTAAAAAGTTGCATGGTGTGTCG
 TTGCAAGCAGTCACAAAAGATCAGTGATAGCTCAGATCTCCTTGAAGATGACACAGCTGGGGCAGTTCC
 TCAGAGCATCCGCCCTCTCAGTTCGTAAGCAGCCACAAGGAGAGGAAGCCTATGAACTAATGGCCAT
 GTTCAAGCTTCTGGCCGAGGTGCCCCCGAAATCTAAATGAGAAAAGTTCCCTTTGGAAGGTAACCTTTG
 GCTTTAAAGGGCGCGGGCAAGTTTTAAACCATAGCGTGGTCTCCTCGGTGGGCAACAGGAGCTTCTGTAA
 AGAGGGCCAGGATAAATGTAAAACCGCCCAAGTCCGCTCTTCTCAGAGCCTGAGAACTACTCTGAG
 GAGAAGCGTTTTGAATGTAAGTACTGCGGCAAGTCCTTACAGTGGAGCTCCCATCTCATTGCACACAAA
 GAACCCACACAGGGGAAAAGCCCTACAAGTGCAACCTGTGTGGGAAGTCTTACCCCGAGCTCACATGT
 TGTTTCTCATCAGCGGATCCATACTGGAGAGAAACCGTACAGGTGCAATCTGTGTGGGAAGTCTTTACC
 CAGAGATATGTTCTTGTGGTGCATCAGAGAACTCACACTGGCGAGAGGCCCTTATGAGTGCACCCAGTGTG
 GGAAGTCGTTCCGCCAGAGCTACAAACTCATCGCACATCAAAGAACCACACAGGGGAAAAGCCATACGA
 ATGCACCCAGTGTGGGAAGTCGTTCCATCCAGAGTTACAAGCTCATCGCGCACAGAAAATTCATTCTGGA
 GAAAAACCTATGAGTGCAGTCACTGTGGCAAGTCTTACGCCAAAGCTATAAACTTGTGCACATCAGA
 GGACTCACACCGGCGAGAAGCCCTTCGAGTGTAATCACTGTGGGAAGTCGTTACAGTGGAGCTCGCAGCT
 GGTGTGCGATCAGAGAACCACACAGGAGAGAAACCTTACGAGTGAATGAGTGTGGGAAGTCATTCAAC
 CGGAGCTCACACCTTGCATGCACCAGAGAACTCACACTGGGGAGAAGCCGTATCAGTCAAAGCAGTGGC
 GGAATCCTTCAGTCAGAGCTACGTCCTCGTTCATCAGAGGACGCACACTGGGGAAAAGCCCTACGA
 GTGCGGCCAGTGTGGGAAGACGTTACGGCAGAGCTCCTGCTTACTCAGCATCAGAGGACTCACACTGGA
 GAGAAGCCCTACGAGTGAATCAGTGTGGGAAGACGTTACGCTAAGTGCCCGGCTTATCGTCCACCAGC
 GAACTCACACTGGGGAAAAGCCCTACAAGTGCGGCCAGTGTGGGAAGCCTTTATTAGCAGTTTGAAGCG
 CAGTAGGCACCAGGCTACTCACAGTGAAGTCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209497 representing BC063741
 Red=Cloning site Green=Tags(s)

MLGHWTSCLSTDFKIVTVDLTEEGQSMWNAQRTPEKTVILEGHRDLWDLPAVHGTEGATAKQIFNEEP
 SHGLKLEGSARDDPWLSTCEEVRDCKEQSGKQPNKQEEVAFTQGSAGSPDVTYRGHDPDRSCLSTRPSF
 PMIPLRNHFHKQASHVKKLHGDVVASSHQKISDSSDLEDDTAGAVPQSIRPSQFVSSPQGEEAYELNGH
 VQASGRGAPRNLNEKVPLEGKTFGFKGRGQVLNHSVVLGGQQELLVKEGQDKCKTAPSPSLPQSLRNYSE
 EKRFECKYCGKSFSSSHLIAHQRTHTGEKPYKCNLCGKFFTRSSHVVSHQRIHTGEKPYRCNLCKGSFT
 QRYVVLVHQRTHTGERPYECTQCGKSFRQSYKLIHQRTHTGEKPYECTQCGKSF IQSYKLIHQKIHSG
 EKPYECSHCGKSFQSYKLVHQRTHTGEKPFECNHCGKSFSSSQLVSHQRTHTGEKPYECNECGKSFN
 RSSHLVMHQRTHTGEKPYQCKQCGKSFQSYVVLVHQRTHTGEKPYECGQCGKTFRQSSCFTHQRTHTG
 EKPYECNQCGKTFSLSARLIVHQRTHTGEKPYKCGQCGKAFISSKRSRHHQATHSEDAKCS

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC063741

ORF Size: 1865 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: [BC063741](#), [AAH63741](#)

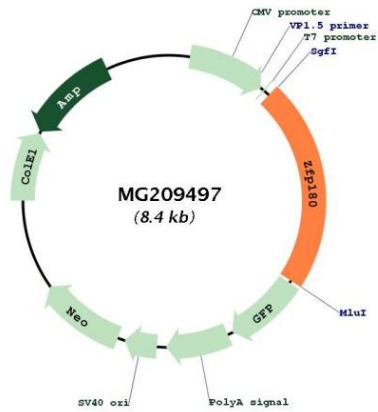
RefSeq Size: 3942 bp

RefSeq ORF: 1865 bp

Locus ID: 210135

Cytogenetics: 7 A3

Product images:



Circular map for MG209497