

Product datasheet for **MG208490**

Zfp82 (BC060530) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp82 (BC060530) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp82
Synonyms:	A030010D05, KRAB16, mszf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208490 representing BC060530
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCGTGTGTCACTGGTGTTCAGTGTGTCCATAGCCTTCTCGCAGGAGGAGTGGGAGTCCCTGG
 ACTTAGAACAGAGGAATTTGTACAAGGATGTGATGATGGAGAACCACCAATGTGGCCTCGCTAGGATG
 CTTCAATTTCTAAGCCAGATGTGATTTCTTACTGGAGCAAGGAAAGAGCCCTGGAAAGTTGTGAGGCAA
 AGAAAACCATGTCCAGATTTCGAAACTAAGGATGAGACCAACCAGGTGTTCTCAGAAAATGGTATTTATG
 AAATGAATTTATCCAGTGAAGATAATGGAAAGAATTGGGAACAGTGGCCTAAAGAGCCTCCTTTTAAA
 AAATGGATGGGAGTCTGAGAAGAAAACAGGAAAGACAAGAGGACCCTCAGGAGGGGTATCTCAGTCAAGT
 AGGCACACATCTGAAAGAGTGCCTCTTATGAGAAGCGCGCATTAACTACACGTGAGGATCCACTTTG
 TGGAGAAACCCTATGAGTGAATGAATGTGGAAAGCCCTTAGAGTCCGCCAGCAGCTCACTTTTATCA
 CAGAATTCACACAGGCGAGAAGCCCTATGAATGTAAGGAGTGTGGATGGCCTTCAGGCAGACGGCCAC
 CTTACCAGGCACAGAGACTGCATTCTGGTGAAAAACTGTATGAATGCAAGGAGTGTGGCAAGCTTCA
 TATACGGCCCGAGCTCAGAGCACATCAGAAGCTTACACCGGCGAGAAGCCCTACACGTGTAGAGAATG
 TGGGAAAGCCTTCAGGTTACGGGACAACCTCACTCTCCATCAGAGGATCCATACTGGGGAGAAGCCCTAT
 GTGTGTGAGGAGTGTGGGAAAGCCCTCAGGCAGTTGGCGCACCTCACTCGCCATCAGAAGCTTAATGTG
 TCGACAGACTGTACGAGTGTAAAGAGTGTGGGAAAAGACTTTTTGTGTGGCTCTGGCCTTAGAGTACATCA
 CAACTTCACACTGGTGAAGAACCTATGAGTGAAGGACTGTGGGAAAGCGTTTAGAGTTCGACAGCAG
 CTAACGCTCCATCAGAGGAGTCACTACTGGGAGAAGCCCTATGAGTCACTGAGTGTGGGAAAGACCTTA
 GTGGGAGCTACCATCTTATTCTCCATCACAAGAACTCCATACTGGGAAAAGCCCTTACGAATGCAAGGAGT
 CTGGAAGGCGTTTCACTCGCTACTCACAGCTTATTTGCGATCAGAGCATCCATATTGGGGTTAAACCCTAT
 GACTGCAAGGACTGTGGGAAAGCCCTCAGACTCCTCTCTCAGCTCACACAGCATCAGAGTGTTCATGCCG
 GGGAGAAGCCTTACTCTTGTAAAGGAATGCGGGAAGTCTTTCAGATTGCGTCAGAAACTTGCTCTCCACCA
 GAGTATTCATACTGGCGAAAAGCCCTTGTAGTGAAGAAATGTAGGAAGGCTTTCGACTTAATTCTTCT
 CTTATCCAACATCTGAGAATCCATTCTGGTGAGAAACCCTATGAGTGTAAAGAGTGAAGAAGGCCCTTA
 GACAACATTCTCACCTCACCCATCATCTGAAGTTTCACTGTCAAAGTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208490 representing BC060530
 Red=Cloning site Green=Tags(s)

MARVSVVFSQVSIQFVSEEWESLDLEQRNLYKDVMMENYHNVASLGCFISKPDVISLLEQKKEPWVVRQ
 RKPCPDSETKDETNQVFSSENGIYEMNLSQWKIMERIGNSGLKSLLLKNGWESRRKQERQEDPQEGYLSQV
 RHTSERVSSYEKRALTTQRRIHFVEKPYECNECGKAFRVRQQLTFHHRHHTGKPYECKEKGMAFRQTAH
 LTRHQRHLHSGEKLVECKEKGAFIYGPQLRAHQKLHTGKPYTCRECGKAFRVRQQLTLHQRHHTGKPY
 VCQEQGKAFRQLAHLTRHQLNVDRLVECKEKGDFLCGSLRVHKLHTGKPYECKDCGKAFRVRQQL
 LTLHQRSHHTGKPYECTECGKTFSRGYHLILHHRHHTGKPYECKEKCWAFSRYSQLISHQSIHIGVKPY
 DCKDCGKAFRLLSQLTQHQSVAHAGEKPYSCKEGKSFRLRQKLALHQSIIHTGKPFCKEKRKAFRLNSS
 LIQHLRIHSGEKPVECKEKKAFRQSHLTHHLKVHTVKV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC060530

ORF Size: 1592 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: [BC060530](#), [AAH60530](#)

RefSeq Size: 2050 bp

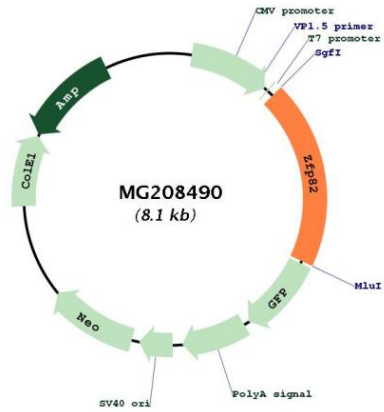
RefSeq ORF: 1592 bp

Locus ID: 330502

Cytogenetics: 7 B1

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG208490