

## Product datasheet for **MG208048**

### Zfp273 (BC094501) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp273 (BC094501) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp273
Synonyms:	6820416H06Rik; Rslcan1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208048 representing BC094501  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGACCCTCTGTCATTCACAGATGTGGCCATTGATTTCTCTGCAGATGAGTGTGAATGTCTGGACT  
 CTGCTCAGTGGAAATTTGTATAAGGAAGTATGTTGGAGAATTACAGCAACCTTGTGTTCTGGGCTTTGC  
 TTTCTCCAAGCCATACCTGGTCACATTTCTGGAGCAGAGTTCAGATCCGTGGAGCATGAAGAGGAAAGAA  
 TCAGCGGCCATCCATCTAGGATCAAACCCATAAATGTAAGAGTGTGGAAAGGCCTTTGATAGGAACT  
 CAGTCCTTATTCAACATCAAAGAATTCATACTGGAGAGAGACCCTACAAATGTGAAGAATGTGGCAAATC  
 ATTTAATTATTCTCCAGCCTTAAACAACACCAAAGAATTCATACTGGAGAGAAACCTACAAATGTGAA  
 GTGTGTGGCAAAGCTTTAACTGTTCTTCATATCTGGTAAGCATCAAAGAATCCATACTGGAGAGAAAC  
 GATACAGATGTGAAGAATGTGGTAAACCTTTACTAATTGTTCCAGGACTTATTGTTACCGAAGAGTACA  
 TACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAGGCCTTTAGTGTTCGCACAACACTCTCTAAA  
 CATCAGAGAATTCATACTGGAGAGAAACCTTACAAATGTGATGAATGTGGAAAGACTTTTAAATGTACACT  
 CAACACTTTCTAAACACCAGAGAATTCACACTGGAGAGAAACCTTACAAATGTGAAGAATGTGGCATGGC  
 CTTAATGTTTCGCTGCATTCTTTCTAAGCACCAGCGAACTCATACTGGGAGAAACCTACAAATGTAAA  
 GAATGTGGCAAAGCATTTAACTGTTCTTCCAGCCTTCCACCAACACCAACAGATTCATAGGGGAGAGAAAC  
 TCTATAAGTGTGATGACTGTGGGAGGCCTTTAGCTGTTTCATCATATCTGTATAAGCATCGTCGAATCCA  
 TACTGGCATGAAACCTACAAATGCAAGGAATGTGGCAAGGCCTTTACCGTTCTGTAACCTTATGTAC  
 CACCAGAGAATTCATACTGGAGAGAAACCATATAAATGTAATGAGTGTGGAAAGCCTTTAGCATTGCT  
 CAACGTTTATGAAACACCAGCGAATACACAGTGGAGAGAAACCTATAAATGCAAAGAATGTGAGAAGGC  
 CTTAATAATTGTTATAATCTAATTCAACACCAAAGAATTCATACTGGAGAGAAACCTACAAATGTAAA  
 GACTGTGGCAAAGCCTTTAATTACTTCAAGCCTTTCGCAACATGAAAGAATTCACACTGGAGAGAAAC  
 CCTACAAATGTGAAGAATGTGGCAAGGCCTTTAACTCTTCTTCAATCTTAAACACCATTGGAGACTCCA  
 TACTGGTGAAGCCTTACAAATGTGAACAATGTGGAAAGCCTTTAAAACTGCTCAGGCTTTACTCGA  
 CACTATAGAATTCATACTAGAGAAAACCTCAGAT

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG208048 representing BC094501  
 Red=Cloning site Green=Tags(s)

MEDPLSFTDVAIDFSADECECLDSAQWNLVKEVMLENYSNLVFLGLAFSKPYLVTFLEQSSDPWSMKRKE  
 SAAIHLGSKPHKCKEKGKAFDRNSVLIQHQRITHTGERPKCEECGKSFNYSSSLKQHQRIHTGEKPYKCE  
 VCGKAFNCSSYLKQHQRIHTGEKRYRCEECGKPF TNCSGLIVHRRVHTGEKPYKCEECGKAF SVRTT LSK  
 HQRITHTGEKPYKCECGKTFNVHSTLSKHQRITHTGEKPYKCEECGMFNVRCILSKHQRTHTGEKPYKCK  
 ECGKAFNCSSSLHQHQIHRGEKLYKDDCGQAFSCSSYLKRRITHTGMKPYKCKEKGKAFYRSVNLMY  
 HQRITHTGEKPYKCECGKAFSICSTFMKHQRISGKPYKCKEKEKAFNNCYNLIQHQRITHTGEKPYKCK  
 DCGKAFNYTSSLAQHERIHTGEKPYKCEECGKAFNSSSNLKHWRHTHTGEKPYKCEQCGKAFKNCSTGTR  
 HYRIHTRENSD

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** BC094501

**ORF Size:** 1503 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:** [BC094501.1](#)

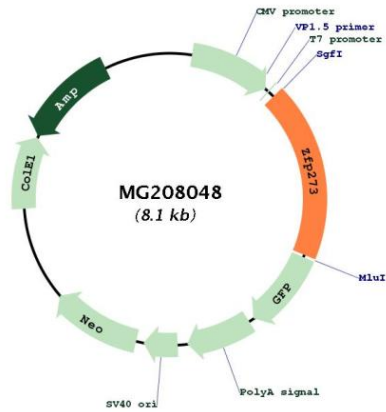
**RefSeq Size:** 2320 bp

**RefSeq ORF:** 1505 bp

**Locus ID:** 212569

**Cytogenetics:** 13 B3

Product images:



Circular map for MG208048