

## Product datasheet for **MG206148**

### Zcchc18 (NM\_001035509) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc18 (NM_001035509) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zcchc18
Synonyms:	1500031H04Rik; Szn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206148 representing NM_001035509 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTAGCCTCCTTGCTAGGATGGGTAACAGTCGCCGGCAGAAATGCAGCTTTTATGCCTTTTGCCATT  
CCATGCTGAGGGCCCTGGGAGGAGCCTTGGTCTTTGATTGCCAACATTGCAGAGAGAAACATACAGTC  
GTTCTCTGGGAGGGCAGAGCTAGGACCCGGGAAGAAACCTTTGAAAACCTGGCTAAGCCAAGTCCATGAG  
GTCCTGCCAGATTGGCCTATGTCTGAAGAAGAAAAGATCAAGCGCCTGATGAGAACCCTTAGGGGCCCTG  
CCCGGGAGGCCATGCGTTTGTCCAGGCTGACAATCCCAATCTAAATGTCGCAGAATTTTGCGGGCAAT  
GAAGCTGCTCTTTGGAGGCTCTGAGAGCAGTATAACAGCGCATGGCAAAATTTTAAAGCACCTGCAGGCA  
CAGGGAGAGAAACCATCCCTGTATGTGATCCGTTTAGAGGTGCAGCTACAGAATGCATCCAGGCAGGGG  
TCCTTCTCAGAGCGAGGCAACAGGACTCGCCTGCACCAGCTCCTTGTAGGGGCTGAGCTGAGTAGGGA  
GCTGCGCACCAAGCTTAAGGGGCTTCTCCAAATGCATGCGCATAATGAGCAGGAAACCTTCTGACTTC  
CTGGAGTTGATCAGGATGATAAGGGAGGAAGAGGATTGGGATGAGACATTCCTTAGAAATAAGCGGCCCA  
GAAGATCTGAGACAGTGTGGAGCGGCCAGCCAGCCCTGTGGTCTTTCAAGGCTCCCTGCCTATAGTGT  
AGGCAGTCCCAGTGTAAATGTGATAGAGATAGATGATTTCCAGGATGATTCAGATGAAGATGTGATCCTG  
GTGGAGCCCGAGGACCCCTCACTCTCATCCCAGGTGCCTCATCCCTCCGAGGCACAGCCAGTACTCAGG  
AAGAGATGCTGATTATTGAGTCCCTGATGATTTTGTAGGAGTCTCCTTCCACTAGCAGTGGTTCTGG  
GCAAAGGAATAACGGGCTGGGGATCTAGGTAGAACCAGAAAGCGCAAGTACCCAATCCGCTGTCCTCAT  
TGTGGTGAAGAGGGCCACGCCAAAGAAACCTGTGACAATACCAGCAACAAGGGCCAGGTTTTTGAAGT  
TGATAGTCACTCTGCAGGAGCTGACTCACATGGAGAGACCCAAACCTCTGTACCATAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206148 representing NM\_001035509  
 Red=Cloning site Green=Tags(s)

MASLLARMGNSRRQNAAFMPFAHSMRLRALGRSLGPLIANIAERNIQSFSGRAELGPGEETFENWLSQVHE  
 VLPDWPMSSEEEKIKRLMRTL RGPAREAMRLFQADNPNLNVAEFLRAMKLLFGASESSITAHGKFLSTLQA  
 QGEKPSLYVIRLEVQLQNAIQAGVLPQSEANRTRLHQLLVGAEL SRELRTKLKGLLQMH AHNEQENLPDF  
 LELIRMIREEEDWDETF LRNKRPRRSETVMERAASPVVFQGS LPIVIGSADCNVIEIDDSQDSDDEDVIL  
 VEPEDPPLSSPGASSLRGTASTQEMLIIESPDDFDEESPSTSSGSGQRNNGPGDLGRTRKRKYPIRCPH  
 CGEEGHAKETCDNTSNKGQVFENLIVTLQELTHMERPKPSVPY

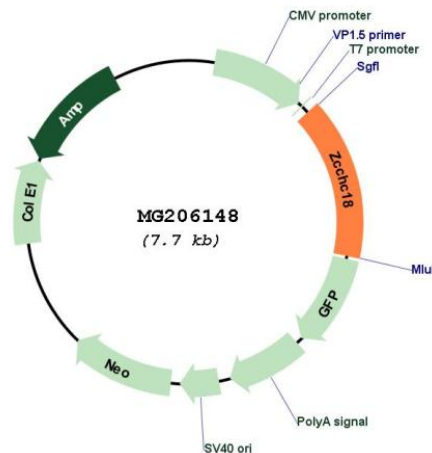
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001035509

<b>ORF Size:</b>	1182 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001035509.2</a>
<b>RefSeq Size:</b>	2856 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	66995
<b>UniProt ID:</b>	<a href="#">Q8VD24</a>
<b>Cytogenetics:</b>	X F1