

Product datasheet for **MG202505**

Zcchc7 (NM_138590) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc7 (NM_138590) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zcchc7
Synonyms:	4930572I07Rik; D4Wsu132e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202505 representing NM_138590 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGCAGACCAAACCTGGACCACAAAAAGCCAAAGACCCCTTCTGGACAATCAGCGTTAGTGTATT
GCTACAACGTGTCACAGAAAGGCCATTATGGACATGAATGTACAGAGAGACGAATGTTAAACCAGACGTT
TCCAACATCTCCATTCATATATTGCTATGATGGCAAATATGACATCCAGCAAAGGGATCGGAGAATAAAG
CGAAAAGTCAAAGATCTCAAGAAAAATGGAGACTTCCAAGGCAGTTCAAAGACCACATGTAGAAGAGA
CAGATAAGAGGGCCACCACGATATGAGAAAAAGCCGTTCCCAAGAAAATACAGGAGGTGCCTCGAGA
AAATAAAGAAACACAGAAAGAAAAGACCAGGAGTAGAGAAGGCAAGACGCACAGGAGGGGTCAACAGCCT
CGGGGTGAGGATGAAGACTTCCCAAGGGCTCAAACCCAACGCCTCTGGCTGCGCTAACCAACAGAAAGC
CTTCTAAGTCCCTCCACCATGCATCCCATTACCACAGGCTGAGAGAAGAGCGGCTTCTCAGGGAGAGCAA
GCGGAGCAAGCCAAAGAAAAGGAAGAGTACAGAGGACGGCAGCCATGATGATTTGTTTCTTATTAAGCAA
AAGAAGAAGAAGCCTAAGCCGAGTGGTCTC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202505 representing NM_138590
Red=Cloning site Green=Tags(s)

MLQTKPGPPKPKTPSGQSALVYCYNCAQKGHYGHECTERRMFNQTFPTSPFIYCYDGKYDIQQRDRRIK
 RKVKDLKKNDFPRQFKRPHVEETDKRRHDMRKSRSPRKYYRWPRENKETQKEKTRSREGKTHRRGHQP
 RGEDEDFPRGSKPNASGCANNQKPSKSLHHASHYHRLREERLLRESKRSKPKKRSKSTEDGSHDDLFLIKQ
 KKKKPKPSGL

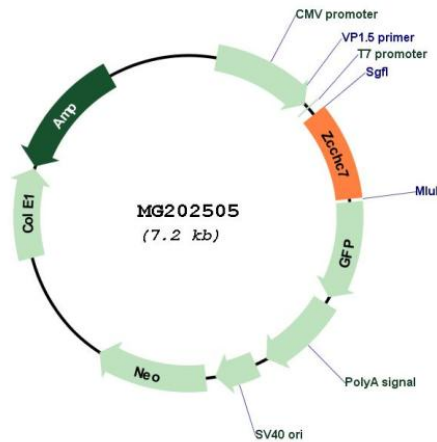
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_138590

ORF Size: 660 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:	<ol style="list-style-type: none">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:	NM_138590.2 , NP_613056.1
RefSeq Size:	3203 bp
RefSeq ORF:	1626 bp
Locus ID:	319885
UniProt ID:	B1AX39
Cytogenetics:	4 23.57 cM