

Product datasheet for **MG207964**

Trim39 (BC031540) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Trim39 (BC031540) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Trim39 |
| Synonyms: | tfp, RBCC-B30.2, mKIAA4179 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MG207964 representing BC031540
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGAGACAAGTCTGTTAGAGGCTGGAGCCTCTGCAGCCTCCACAGCCGCTGCTCTGGAGAACCTGC
 AGGTGGAAGCAAGCTGTTCTGTATGCCTAGAGTATCTGAAGGAGCCAGTTATTATTGAATGTGGCACAA
 CTTCTGCAAAGCGTGCATTACCCGCTGGTGGGAAGACCTAGAGCGGGACTTCCCTTGCCCTGTCTGTCGG
 AAGACATCCCGATACCGGAGTCTCCGGCCTAACCGACAGCTAGGCAGTATGGTGGAAATCGCCAAGCAGC
 TCCAGACGGTCAAGCGGAAGATCAGAGATGAAAGCCTCTGCTCCCAGCACCACGAACCTCTTAGCCTTTT
 CTGCTATGAAGACCAGGAGGCTGTCTGTCTAATATGTGCAATTTCTCATACCCACCGCCCCACACCGTC
 GTGCCGATGGATGATGCTACACAGGAATACAAGGAGAACTTCAGAAGTGCCTGGAGCCCTGGAACAGA
 AGCTGCAGGAGATCACCTGCTGCAAAGCCTCCGAAGAGAAGAAGCCGGGGAGCTCAAGAGACTGGTGG
 GAGCCCGCGCAGCAGATCTTAAAGGAGTTTGAGGAGCTGCACAGCGACTGGACGAAGAGCAGCAGACA
 CTGCTTTCACGACTGGAGGAAGAAGAACAGGACATTCTACAGCGACTTCGAGAAAATGCTGCTCACCTTG
 GGGACAGGCGCCGGGACCTTGCCCACTTAGCTGCTGAGGTGGAGGGCAAGTGCTTACAGTCAGGCTTCGA
 GATGCTTAAGGATGTGAAAAGTACCCTAGAAAAATGTGAGAAGGTGAAGACCATGGAGGTGACTTCAGTA
 TCCATAGAGCTGGAAAAGAACTTCAGCAATTTCCCGCGCAGTACTTTGCCCTAAGGAAAATTTTAAAC
 AGCTAATTGCTCCACTCTGGCTTCTCCGCCAGCGGATGTGACTCTGGACCCGAGACGGCTCACCTAA
 CCTCGTCTGTGAGAGGATCGGAAAAGCGTCAAGTTTGTGGAGACAAGACTCCGAGACCTCCCTGACACA
 CCGCAGCGTTTCACTTTTACCCTTGTGTCTTAGCTACTGAAGGCTTACCTCAGGTCGACACTACTGGG
 AGGTGGAGGTGGGTGACAAGACCCACTGGGCACTAGGAGTATGCCGGGACTCTGTGAGCAGAAAGGCCGA
 ACTGACTCCACTTCTGAGACTGGCTACTGGCGAGTGCAGCTGTGGAATGGGGACAAGTATGCAGCCACC
 ACCACGCCTTTTACCCTTTGCACATCAAGGTGAAGCCCAAGCGGTAGGCATATTCTAGACTATGAGG
 CTGGCACACTGCTCTTTTACAACGTCACAGACCGTTTACATATCTACACCTTCACTGATACTTTTACTGA
 AAAACTTTGGCCCTCTTCTACCCAGGGATCCGGGCGGTGGAAGAATGCTGCACCACTTACCATTAGG
 CCCCCAACAGATTGGGAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207964 representing BC031540
 Red=Cloning site Green=Tags(s)

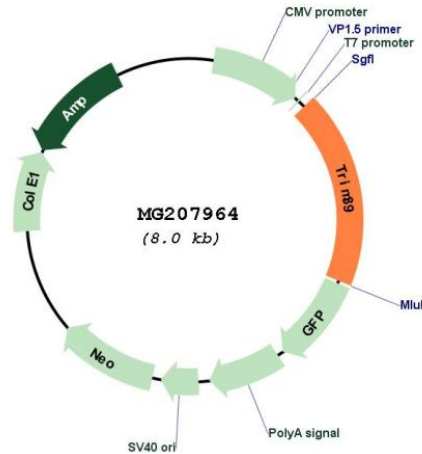
MAETSLLEAGASAASTAAALENLQVEASCSVCLEYLKEPVIIIECGHNFCKACITRWEDLERDFPCPVC
 KTSRYRSLRPNRQLGSMVEIAKQLQTVKRKIRDESLCSQHHEPLSLFCYEDQEAVCLICAI SHTHRPHTV
 VPMDDATQEYKEKLEKLEPLEQKLEITCCKASEEKKPGELKRLVESRRQILKEFEELHRRLEDEEQQT
 LLSRLEEEEDILQRLRENAHLGDRRDLAHLAAEVEGKCLQSGFEMLKDVKSTLEKCEKVKTMVEVTSV
 SIELEKNFSNFPQYFALRKILKQLIAPLWLLPPADVTLDPETAHPNLVLSDRKSVKVFVETRLRDLPT
 PQRFTFYPCVLATEGFTSGRHYWEVEVDKTHWAVGVCRDVSRSKGEPLPETGYWRVRLWNGDKYAAAT
 TTPFTPLHIKVKPKRVGIFLDYEAGTLSFYNVTD RSHIYFTDTFTEKLWPLFYPGIRAGRKNAAPLIR
 PPTDWE

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN: BC031540

ORF Size: 1490 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: [BC031540](#), [AAH31540](#)

RefSeq Size: 2948 bp

RefSeq ORF: 1490 bp

Locus ID: 79263

Cytogenetics: 17 B1

Gene Summary: E3 ubiquitin-protein ligase. May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1.[UniProtKB/Swiss-Prot Function]