

Product datasheet for **MG216912**

Trim39 (NM_024468) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim39 (NM_024468) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim39
Synonyms:	1100001D15Rik; E130103K13Rik; mKIAA4179; RBCC-B30.2; Rnf23; tfp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG216912 representing NM_024468
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGAGACAAGTCTGTTAGAGGCTGGAACCTCTGCAGCCTCCACAGCCGCTGCTCTGGAGAACCTGC
 AGGTGGAAGCAAGCTGTTCTGTATGCCTAGAGTATCTGAAGGAGCCAGTTATTATTGAATGTGGGCACAA
 CTTCTGCAAAGCGTGCATTACCCGCTGGTGGGAAGACCTAGAGCGGGACTTCCCTTGCCCTGTCTGTGCGG
 AAGACATCCCGATACCGGAGTCTCCGGCCTAACCGACAGCTAGGCAGTATGGTGGAAATCGCCAAGCAGC
 TCCAGACGGTCAAGCGGAAGATCAGAGATGAAAGCCTCTGCTCCCAGCACCACGAACCTCTTAGCCTTTT
 CTGCTATGAAGACCAGGAGGCTGTCTGTCTGATATGTGCAATTTCTCATACCCACCGCCCCACACCGTC
 GTGCCGATGGATGATGCTACACAGGAATACAAGGAGAACTTCAGAAGTGCCTGGAGCCCTGGAACAGA
 AGCTGCAGGAGATCACCTGCTGCAAAGCCTCCGAAGAGAAGAAGCCGGGGGAGCTCAAGAGACTGGTGGAA
 GAGCCCGCGCAGCAGATCTTAAAGGAGTTTGAGGAGCTGCACAGCGACTGGACGAAGAGCAGCAGACA
 CTGCTTTCACGACTGGAGGAAGAAGAACAGGACATTCTACAGCGACTTCGAGAAAATGCTGCTCACCTTG
 GGGACAGGCGCCGGGACCTTGCCCACTTAGCTGCTGAGGTGGAGGGCAAGTGCTTACAGTCAGGCTTCGA
 GATGCTTAAGGATGTGAAAAGTACCCTAGAAAAATGTGAGAAGGTGAAGACCATGGAGGTGACTTCAGTA
 TCCATAGAGCTGGAAAAGAACTTCAGCAATTTCCCGCGCAGTACTTTGCCCTAAGGAAAATTTTAAAC
 AGCTAATTGCGGATGTGACTCTGGACCCCGAGACTGCTCACCTAACCTCGTCTGTGAGGATCGGAA
 AAGCGTCAAGTTTGTGGAGACAAGACTCCGAGACCTCCCTGACACACCGCAGCGTTTCACTTTTACCCT
 TGTGTCTTAGCTACTGAAGGCTTCACTCAGGTCGACACTACTGGGAGGTGGAGGTGGGTGACAAGACCC
 ACTGGGCAGTAGGAGTATGCCGGGACTCTGTGAGCAGAAAGGGGCAACTGACTCCACTTCTGAGACTGG
 CTACTGGCGAGTGCAGGCTGTGGAATGGGACAAGTATGCAGCCACCACCACGCTTTTACCCTTTGACAC
 ATCAAGGTGAAGCCCAAGCGGTAGGCATATTCCTAGACTATGAGGCTGGCACACTGTCCTTTTACAACG
 TCACAGACCGTTCACATATCTACACCTTACTGATACTTTTACTGAAAACTTTGGCCCTCTTCTACCC
 AGGGATCCGGCCGGTCCGAAGAATGCTGCACCACTTACCATTAGGCCCCCAACAGATTGGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG216912 representing NM_024468
 Red=Cloning site Green=Tags(s)

MAETSLLEAGTSAASTAAALENLQVEASCSVCLEYLKEPVIIIECGHNFCKACITRWEDLERDFPCPVCR
 KTSRYRSLRPNRQLGSMVEIAKQLQTVKRKIRDESLCSQHHEPLSLFCYEDQEAVCLICAI SHTHRPHTV
 VPMDDATQEYKEKLEKLEPLEQKLEITCCKASEEKKPGELKRLVESRRQIILKEFEELHRRLEDEEQQT
 LLSRLEEEEDILQRLRENAHLGDRRRDLAHLAAEVEGKCLQSGFEMLDVKSTLEKCEKVKTMEVTSV
 SIELEKNFSNFPQYFALRKILKQLIADVTLDPETAHPNLVLSDRKSVKFVETRLRDLPTPQRF TFYP
 CVLATEGFTSGRHYWEVEVGDKTHWAVGVCRDSVSRKGELTLPETGYWRVRLWNGDKYAATTPFTPLH
 IKVKPKRVGIFLDYEAGTLSFYNVTD RSHIYFTDTFTEKLWPLFYPGIRGRKNAAPLTI RPPDWE

TRTRPLE - GFP Tag - V

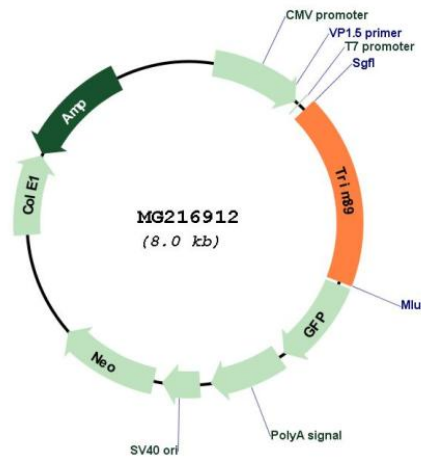
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_024468

ORF Size: 1464 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: [NM_024468.2](#), [NP_077788.2](#)

RefSeq Size: 3085 bp

RefSeq ORF: 1467 bp

Locus ID: 79263

UniProt ID: [Q9ESN2](#)

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]