

Product datasheet for **MG218360**

Trim39 (NM_178281) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim39 (NM_178281) 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:

>MG218360 representing NM_178281
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAGACAAGTCTGTTAGAGGCTGGAACCTCTGCAGCCTCCACAGCCGCTGCTCTGGAGAACCTGC
 AGGTGGAAGCAAGCTGTTCTGTATGCCTAGAGTATCTGAAGGAGCCAGTTATTATTGAATGTGGCACAA
 CTTCTGCAAAGCGTGCATTACCCGCTGGTGGGAAGACCTAGAGCGGGACTTCCCTTGCCCTGTCTGTGCGG
 AAGACATCCCGATACCGGAGTCTCCGGCCTAACCGACAGCTAGGCAGTATGGTGGAAATCGCCAAGCAGC
 TCCAGACGGTCAAGCGGAAGATCAGAGATGAAAGCCTCTGCTCCCAGCACCACGAACCTCTTAGCCTTTT
 CTGCTATGAAGACCAGGAGGCTGTCTGTCTGATATGTGCAATTTCTCATACCCACCGCCCCACACCGTC
 GTGCCGATGGATGATGCTACACAGGAATACAAGGAGAACTTCAGAAGTGCCTGGAGCCCTGGAACAGA
 AGCTGCAGGAGATCACCTGCTGCAAAGCCTCCGAAGAGAAGAAGCCGGGGGAGCTCAAGAGACTGGTGGAA
 GAGCCCGCGCAGCAGATCTTAAAGGAGTTTGGAGAGTGCACAGCGACTGGACGAAGAGCAGCAGACA
 CTGCTTTCACGACTGGAGGAAGAAGAACAGGACATTCTACAGCGACTTCGAGAAAATGCTGCTCACCTTG
 GGGACAGGCGCCGGGACCTTGCCCACTTAGCTGCTGAGGTGGAGGGCAAGTGCTTACAGTCAGGCTTCGA
 GATGCTTAAGGATGTGAAAAGTACCCTAGAAAAATGTGAGAAGGTGAAGACCATGGAGGTGACTTCAGTA
 TCCATAGAGCTGGAAAAGAACTTCAGCAATTTCCCGCGCAGTACTTTGCCCTAAGGAAAATTTTAAAC
 AGCTAATTGCGGATGTGACTCTGGACCCCGAGACTGCTCACCTAACCTCGTCTGTGAGGATCGGAA
 AAGCGTCAAGTTTGTGGAGACAAGACTCCGAGACCTCCCTGACACACCGCAGCGTTTCACTTTTACCCT
 TGTGCTTAGCTACTGAAGGCTTCACTCAGGTCGACACTACTGGGAGGTGGAGGTGGGTGACAAGACCC
 ACTGGGCAGTAGGAGTATGCCGGGACTCTGTGAGCAGAAAGGGGCAACTGACTCCACTTCTGAGACTGG
 CTACTGGCGAGTGCAGGCTGTGGAATGGGACAAGTATGCAGCCACCACCGCCTTTTACCCTTTGACAC
 ATCAAGGTGAAGCCCAAGCGGTAGGCATATTCCTAGACTATGAGGCTGGCACACTGTCTTTTACAACG
 TCACAGACCGTTCACATATCTACACCTTACTGATACTTTTACTGAAAACTTTGGCCCTCTTCTACCC
 AGGGATCCGGCCGGTCCGAAGAATGCTGCACCACTTACCATTAGGCCCCCAACAGATTGGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG218360 representing NM_178281
 Red=Cloning site Green=Tags(s)

MAETSLLEAGTSAASTAAALENLQVEASCSVCLEYLKEPVIIIECGHNFCKACITRWEDLERDFPCPVCR
 KTSRYRSLRPNRQLGSMVEIAKQLQTVKRKIRDESLCSQHHEPLSLFCYEDQEAVCLICAI SHTHRPHTV
 VPMDDATQEYKEKLEKLEPLEQKLEITCCKASEEKKPGELKRLVESRRQIILKEFEELHRRLEDEEQQT
 LLSRLEEEEDILQRLRENAHLGDRRRDLAHLAAEVEGKCLQSGFEMLDVKSTLEKCEKVKTMEVTSV
 SIELEKNFSNFPQYFALRKILKQLIADVTLDPETAHPNLVLSDRKSVKFVETRLRDLPTPQRF TFYP
 CVLATEGFTSGRHYWEVEVGDKTHWAVGVCRDSVSRKGELTLPETGYWRVRLWNGDKYAATTPFTPLH
 IKVKPKRVGIFLDYEAGTLSFYNVTDRSHIYFTDTFTEKLWPLFYPGIRGRKNAAPLTI RPTDWE

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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_178281.1](#), [NP_840065.1](#)

RefSeq Size: 3070 bp

RefSeq ORF: 1467 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]