

Product datasheet for **MR207964**

Trim39 (BC031540) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim39 (BC031540) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim39
Synonyms:	tfp, RBCC-B30.2, mKIAA4179
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207964 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAGACAAGTCTGTTAGAGGCTGGAGCCTCTGCAGCCTCCACAGCCGCTGCTCTGGAGAACCTGC
 AGGTGGAAGCAAGCTGTTCTGTATGCCTAGAGTATCTGAAGGAGCCAGTTATTATTGAATGTGGCACAA
 CTTCTGCAAAGCGTGCATTACCCGCTGGTGGGAAGACCTAGAGCGGGACTTCCCTTGCCCTGTCTGTGCGG
 AAGACATCCCGATACCGGAGTCTCCGGCCTAACCGACAGCTAGGCAGTATGGTGGAAATCGCCAAGCAGC
 TCCAGACGGTCAAGCGGAAGATCAGAGATGAAAGCCTCTGCTCCCAGCACCACGAACCTCTTAGCCTTTT
 CTGCTATGAAGACCAGGAGGCTGTCTGTCTAATATGTGCAATTTCTCATACCCACCGCCCCACACCGTC
 GTGCCGATGGATGATGCTACACAGGAATACAAGGAGAACTTCAGAAGTGCCTGGAGCCCTGGAACAGA
 AGCTGCAGGAGATCACCTGCTGCAAAGCCTCCGAAGAGAAGAAGCCGGGGAGCTCAAGAGACTGGTGGGA
 GAGCCCGCGCAGCAGATCTTAAAGGAGTTTGAGGAGCTGCACAGCGACTGGACGAAGAGCAGCAGACA
 CTGCTTTCACGACTGGAGGAAGAAGAACAGGACATTCTACAGCGACTTCGAGAAAATGCTGCTCACCTTG
 GGGACAGGCGCCGGGACCTTGCCCACTTAGCTGCTGAGGTGGAGGGCAAGTGCTTACAGTCAGGCTTCGA
 GATGCTTAAGGATGTGAAAAGTACCCTAGAAAAATGTGAGAAGGTGAAGACCATGGAGGTGACTTCAGTA
 TCCATAGAGCTGGAAAAGAACTTCAGCAATTTCCCGCGCAGTACTTTGCCCTAAGGAAAATTTTAAAC
 AGCTAATTGCTCCACTCTGGCTTCTCCGCCAGCGGATGTGACTCTGGACCCGAGACGGCTCACCTAA
 CCTCGTCTGTGAGAGGATCGGAAAAGCGTCAAGTTTGTGGAGACAAGACTCCGAGACCTCCCTGACACA
 CCGCAGCGTTTCACTTTTACCCTTGTGTCTTAGCTACTGAAGGCTTACCTCAGGTCGACACTACTGGG
 AGGTGGAGGTGGGTGACAAGACCCACTGGCAGTAGGAGTATGCCGGGACTCTGTGAGCAGAAAGGGCGA
 ACTGACTCCACTTCTGAGACTGGCTACTGGCGAGTGCAGCTGTGGAATGGGGACAAGTATGCAGCCACC
 ACCACGCCTTTTACCCTTTGCACATCAAGGTGAAGCCCAAGCGGTAGGCATATTCTAGACTATGAGG
 CTGGCACACTGCTCTTTTACAACGTCACAGACCGTTACACATATCTACACCTTCACTGATACTTTTACTGA
 AAAACTTTGGCCCTCTTCTACCAGGGATCCGGGCCGGTTCGGAAGAATGCTGCACCACTTACCATTAGG
 CCCCCAACAGATTGGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207964 protein sequence
 Red=Cloning site Green=Tags(s)

MAETSLLEAGASAASTAAALENLQVEASCSVCLEYLKEPVIIECGHNFCKACITRWWEDLERDFPCPVCR
 KTSRYRSLRPNRQLGSMVEIAKQLQTVKRKIRDESLCSQHHEPLSLFCYEDQEAVCLICAISSHTRPHTV
 VPMDDATQEYKEKLQKCLEPLEQLQEITCCKASEEKKPGELKRLVESRRQQILKEFEELHRRLEDEEQT
 LLSRLEEEEQDILQRLRENAHLGDRRDLAHLAAEVEGKCLQSGFEMLKDVKSTLEKCEKVKTMVTSV
 SIELEKNFSNFRQYFALRKILKQLIAPLWLLPPADVTLDPETAHPNLVLSDRKSVKVFVETRLRDLPT
 PQRFTFYPCVLATEGFTSGRHYWEVEVDKTHWAVGVCRDVSVRKGEPLPETGYWRVRLWNGDYAAT
 TTPFTPLHIKVKPKRVGIFLDYEAGTLSFYNVTDNRSHIYTFDTFTEKLWPLFYPGIRAGRKNAAPLTIR
 PPTDWE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC031540

ORF Size: 1488 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

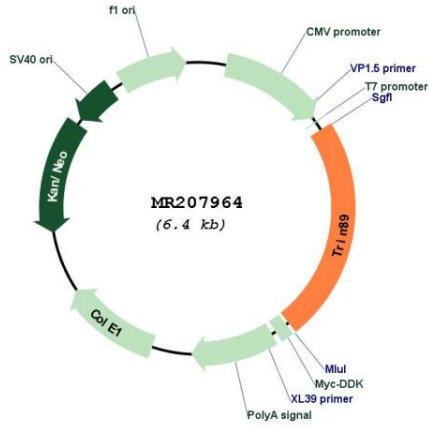
Cytogenetics: 17 B1

MW: 57.3 kDa

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]

Product images:



Circular map for MR207964