

## Product datasheet for **MC203198**

### Triap1 (NM\_026933) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Triap1 (NM\_026933) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Triap1  
**Synonyms:** 1810015M01Rik; AU020874; AU043831; P53csv; Wf-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC030325  
CCACGCGTCCGACTAGTTCTAGACCGCAGCTGCCATACCCGCATGAACAGCGTCGGGGAGGCTTGCACT  
GACATGAAGCGCGAGTACGACCAGTGTCAACCCTGGTTTGTGAGAAAGTTCCCAAAGGGGACGGCT  
CCGGGGACCCGTGCACCGACCTCTCAAACGCTACCAGCAGTGCAGAAAGCAATCAAGGAGAAAGA  
GATTCCTATTGAAGGCTGGAGTTCATGGGCCATGGCAAAGAAAAGCCTGAAAACCTCTTGACCTGCC  
TGCCACTTGGAAGACATCAGTAAAGTGAGAGGCTTCTGGATTCTGTGAGGAAAGGCTGTGAAGCTGGCAT  
GGGATTCGAAGATGTTAAAGGTGTTCTCTCCATTCTGAAGCTGTCATTCTGCTTTGAGGCAACTTCAC  
CTTTGCTGGCATCCTGAAGAACCCTCGTGCCACAGCGGACCAGCTTCTGGGGTTATGTTGCAAACCTA  
TGGTCTGGCATCAGCTTAACTGGTCTTGGATATGAGTATGGTAACTGGTCAGGATTAAGGATGGCAG  
CATTTGCTGCGGAGGACCTGGTGAACATGGGAGGCATTGCTCATGGGGCTCGGTGGGACCTCTTTT  
CCTCTCAGGGATGCTCTGAAAAGGGATGCGGACACAACCCGTTCAATCACTGCTTGAAACATGATTGTA  
GTTTTATAATAACACTTCCAACCTGCTGGTGGCCTGGGTTATGGAAAAGACAGCTTTTCGGAGCTTTGC  
CTTAATGAGGTGTCAGCTTACCATTGAGAAATCTTCAGAAATGACATAAACACCAACTTTGGAGCTCACA  
GCCTTGCTGCTCAGCTCCAACCCTGGGGTGGCCGTGCAAGAGTCACCTGCGTCCCAGGTTTGTGTG  
GCTAACTTTCACTCCACGAGTTCAAGTCAAGTGTGAGATCAGATCAATAAAAGGGGGTGGCCTGGCTAAGT  
GGGGAAAGGTGCTTACTGATTTTTGTTGCTTACCATGCCCTAAGGCTGTAATCATGAAATGAAATAAA  
TCTTAAAATTCAACTTTAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026933

**Insert Size:** 231 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC030325</a></u> , <u><a href="#">AAH30325</a></u>
<b>RefSeq Size:</b>	1083 bp
<b>RefSeq ORF:</b>	231 bp
<b>Locus ID:</b>	69076
<b>UniProt ID:</b>	<u><a href="#">Q9D8Z2</a></u>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane. Likewise, the TRIAP1:PRELID3A complex mediates the transfer of phosphatidic acid (PA) between liposomes (in vitro) and probably functions as a PA transporter across the mitochondrion intermembrane space (in vivo). Mediates cell survival by inhibiting activation of caspase-9 which prevents induction of apoptosis. [UniProtKB/Swiss-Prot Function]