

## Product datasheet for **MC204663**

### Trpt1 (NM\_153597) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Trpt1 (NM\_153597) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Trpt1  
**Synonyms:** AU079016; AW045591; Tpt1; Tpt1h  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC027575  
GCAAGTCTGCCCGCTGGGCCTCAAGTTCCTTGCTGAACTAGGGTGGGATGAGCAGTGC GGTTCTTATC  
CTGAGCTTTTGTAACTTTCTGGGCAGAGAACCCACACTCCCTGCTCCCTACAGGCTTGATCATGAACGC  
CCCTGGAGGAAGGAGGAAGGATAGAAGGACTCATAGACCCCGGAACAGGACC GAAATGTGCAGCTG  
TCTAAGGCTCTGTCTATGCCCTTCGCCACGGGCCTTGAAGCTGGGACTTCCCATGCGAGCTGATGGCT  
TTGTGCCCTGCAAGCCCTCCTGCAGCTGCCCCAGTTCCACAGCTTTTCCATTGAAGATGTGCAGCTCGT  
GGTCAATACCAACGAAAAGCAGCGGTTTACCCTGCAGCCAGGCGAGCCGAGCACTGGGCTCCTCATCAGG  
GCCAATCAGGGCCACTCCCTACAAGTCCCTGAGTTGGAAGTACGCCCCCTGGAGACACCACAAGCCCTGC  
CCTTGACACTAGTCCATGGTACATTCTGGAAGCACTGGCCATCTATTCTACTAAAGGGCTTGTACGCCA  
AGGAAGGACACATCCACTTGGCCTCAGGATTGCCTGGGACCCTGGTGTATCAGCGGCATTTCGTCCA  
AATTGTGAGGTGGCGGTTCATCGATGGACCCCTAGCCCTCACAGATGGAATCCCTTTCTTCTGCTCCG  
CCAATGGTGTGATTCTGACTCCAGGGAATGCTGAAGGCTTCTGCTTCCCAAGTACTTCAAGGAGGCCCT  
GCAGCTTCGACCTACACGAAAGCCTCTCTCTTGCTGGTGATAAAGAGACAGAGACTCAGAGTGGCCCC  
AAGCTCAGTTCCAGAGGAGGAAGAAGAAAGATCCAACAATAAAATATTTATTTATTA AAAAACCTGAAAC  
AGACACAGAAAGAAAGTCCAGCTTCAAACCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** NM\_153597

**Insert Size:** 618 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="#">BC027575</a></u> , <u><a href="#">AAH27575</a></u>
<b>RefSeq Size:</b>	966 bp
<b>RefSeq ORF:</b>	618 bp
<b>Locus ID:</b>	107328
<b>UniProt ID:</b>	<u><a href="#">Q8K3A2</a></u>
<b>Cytogenetics:</b>	19 A
<b>Gene Summary:</b>	<p>Catalyzes the last step of tRNA splicing, the transfer of the splice junction 2'-phosphate from ligated tRNA to NAD to produce ADP-ribose 1''-2'' cyclic phosphate.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and is protein-coding.</p>