

## Product datasheet for RN206663

### Tdg (NM\_053729) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tdg (NM\_053729) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tdg  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN206663 representing NM\_053729  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGATGGCGGAGGCTCCGAACATGGCAGACGTGGCCGGACAGCAGATGCCTGCAGAAGCTCTGCCCAGG  
 ATCCTGTGCCAGAGGCTCCAAAGAGAAGGAAAAGAAAACCAGGGCAGCAGAGGCCAGGCCAGTGGGA  
 GCCCAAAAAGCCTGCTGCCTCAAAGAAATCTGGCAAGTCCACAAAATCAAAGAAAAGCAAGAGAAAATC  
 ACAGACACCTTTAAAGTAAAAGGAAAGTGGACCGTTCAACGGTGTCTCTGAAGCTGAGCTTCTGACCA  
 AGACTCTCCCTGACATTTTGACCTTCAATCTGGATATTGTAATTATTGGCATCAACCCAGGATTAATGGC  
 CGCTTACAAAGGGCATCATTACCCTGGGCCCGAAATCACTTCTGGAAATGTCTGTTTATGTCTGGGTTG  
 AGCGAGGTGCAGCTGAGTCACATGGATGACCACACCTTACCTGGAAAATACGGCATCGGATTACCAACA  
 TGGTGAACGGACAACGCCAGGCAGCAAGGATCTGTCTAGTAAAGAATCCGGGAAGGAGGGCGTATCCT  
 AGTGCAGAACTACAGAAATATCAGCCACGAATAGCGGTGTTAATGGAAAATGTATTTATGAGATTTTC  
 AGTAAAGAAGTTTTGGAGTAAAGTTAAGAACTTGAATTTGGGCTTCAACCGCACAGATCCCAGACA  
 CAGAAACTCTCTGCTACGTCATGCCGTCTCCAGTGCCCGGTGCGCTCAGTTCCTCGGGCGCAGGACAA  
 AGTCCATTACTACATTAAGCTGAAGGACTTGCGAGACCAGCTGAAGGGCATCGAGCGCAGCACGGACGTT  
 CAGGAGGTGACGTACACGTTTCGACCTGCAGCTCGCACAAGAGGACGCAAAAGAGGACGGCTGTTAAGGAAG  
 AAAAGTATGACCCAGGCTATGAGGCAGCGTATGGCGGTGCTGTGGTGA AAAACCCGTGTAATGGGGAACC  
 TTGTGGCTTTGCTTCAAATGGGCTAACAGCCAACAGTGCAGGAGCTGGGAGGAGAAATCAGCTCCGAGCGAC  
 GTTCCAACGGGCAGTGGATGGCGAGTCGTTTGAGAGCAGATCCCTTCTTTCAATAATTGTGGCAGAC  
 GAGAGCAGGAAGCAGGAAGCCATGCAGGAAGCCATGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_053729



<b>Insert Size:</b>	1161 bp
<b>OTI Disclaimer:</b>	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).
<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="#">NM_053729.1</a></u> , <u><a href="#">NP_446181.1</a></u>
<b>RefSeq Size:</b>	2881 bp
<b>RefSeq ORF:</b>	1161 bp
<b>Locus ID:</b>	114521
<b>Cytogenetics:</b>	7q13
<b>Gene Summary:</b>	a T:G mismatch-specific thymine DNA glycosylase; acts as a transcriptional repressor of TTF-1 transcriptional activity [RGD, Feb 2006]