

## Product datasheet for **RN206688**

### **Ptgr1 (NM\_138863) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ptgr1 (NM\_138863) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ptgr1  
**Synonyms:** Dig1; Ltb4dh  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206688 representing NM\_138863  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTACAAGCTAAGACCTGGACCCTAAGAAGCACTTTGAAGGCTTCCCTACGGACAGTAACTTTGAGT  
TGAGGACGACTGAGCTCCACCCTTAAATAATGGAGAGGTCTGCTGGAAGCCCTGTTCCCTCCTCCGTGGA  
CCCTTACATGAGAGTTGCAGCAAAAACTGAAGGAGGGCGACAGCATGATGGGTGAACAAGTGGCCAGA  
GTTGTGGAAAGTAAAACTCAGCCTTCCCAACGGGAACGATTGTTGTGGCTTTATTAGGTTGGACATCAC  
ATTCCATTTCTGATGGGAATGGACTGAGAAAGCTACCTGCAGAGTGGCCTGACAAGCTACCACTGTCTTT  
GGCTTTGGGGACAGTTGGCATGCCAGGCCTCACTGCCTACTTTGGCCTGCTTGACATCTGTGGCTTGAAG  
GGTGGAGAAACAGTGTGGTCAATGCGGCAGCCGGGCTGTGGGCTCTGTTGTGGGCAGATAGCTAAGC  
TCAAGGCTGCAAAGTTGTTGGTACAGCCGGTCTGATGAAAAGGTTGCCTATCTTAAGAAGCTTGATT  
CGATGTGGCCTTAACTACAAGACAGTAAAGTCATTGGAAGAAGCTTTGAGGACAGCCTCCTCAGATGGT  
TATGATTGCTACTTTGATAATGTCGGTGGAGAGTTTTCAACACTGTTATACTGCAGATGAAGACGTTTG  
GAAGAATTGCCATCTGTGGCCATCTCTCAATAACAACCGCACTGGCCATGTCCCCAGGCCATCTCC  
AGAGGTCATTATCTATCAGCAACTCCGCATGGAGGGTTTCATCGTTACTCGGTGGCAAGGAGAAGTCCGC  
CAGAAGGCTCTGACAGACTTGATGAATTGGTTTTAGAGGTAAGATCCGGTATCATGAATACATCACTG  
AAGGATTTGAGAAGATGCCCGCAGCGTTTATGGGAATGTTGAAAGGAGACAATCTGGGAAGACTATAGT  
GAAAGCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_138863



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<b>Insert Size:</b>	990 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_138863.2</a></u> , <u><a href="#">NP_620218.1</a></u>
<b>RefSeq Size:</b>	1162 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	192227
<b>UniProt ID:</b>	<u><a href="#">P97584</a></u>
<b>Cytogenetics:</b>	5q24
<b>Gene Summary:</b>	may play a role in inhibition of chemically induced tumorigenesis [RGD, Feb 2006]