

## Product datasheet for **RN202515**

### **Gpt2 (NM\_001012057) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpt2 (NM_001012057) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpt2
Synonyms:	ALT2; Cc2-5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202515 representing NM\_001012057  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCACGGGGCAGCGGTGCTGGTGCGGGGGCTCCTGCCCCCGCGCCTCGGGCCCTGGGGCCGTAGTC  
 ACAGCAGCGCTGCAGCCGAAGCCTCGGGCGCGCTCAAGGTGCGACCAGAGCGTAGCCCTCGAGACCGCAT  
 CCTCACCTGGAGTCCATGAACCCGAGGTGAAGGCCGTGGAGTACGCTGTGCGGGGACCCATCGTGCTC  
 AAGGCCGGCAGATCGAGATGGAGCTGCAGCGGGTATCAAAAAACCATTCACTGAGGTAATCCGAGCCA  
 ACATTGGGGATGCCATGCTATGGGCCAGCAGCCAATCACCTTCCTTCGTGAGGTGATGGCTCTCTGCAC  
 CTACCCGAACCTGCTAACAGCCCCAGCTTCCCGGAAGATGCTAAGAAGCGAGCGCGGGGATCCTGCAG  
 GCTTGGGTGGAAACAGCCTGGGGTCTTACAGTGCAGCCAGGGCGTTAACTGTATCCGAGAGGACGTGG  
 CAGCCTTTATCACCAGGAGAGATGGTGTACCTGCAGACCCAGACAACATTTACCTGACTACTGGAGCGAG  
 CGACGGTATTTCTACGATCCTGAAGCTCCTGGTCTCCGGCGGTGGCAAGTCACGGACCGGGTGATGATC  
 CCCATCCACAGTACCCCTTGTACTCCGCGGTCACTCCGAGCTCGACGCCATCCAGGTGAACTACTATC  
 TGGATGAGGACAACCTGCTGGGCTTTGAACGTGGACGAGCTCCGGCGGGCACTGCGGCAAGCTAAAGACCA  
 CTGTGACCCTAAAGTTCTCTGCATCATCAACCCCGAAACCCACAGGCCAGGTACAAAGCAGAAAGTGC  
 ATAGAAGATGTGATTCACTTTGCCTGGGAAGAGAAGCTTTTTCTCCTGGCTGACGAGGTATACCAGGACA  
 ACGTGTACTCTCCGACTGCAGATTCCACTCCTTTAAGAAAGTGCTTTACCAGATGGGGCCTGAGTACTC  
 GAGTAATGTGGAGCTTGCCTCCTCCACTCCACCTCCAAGGGCTACATGGGCGAATGCGGCTACAGAGGA  
 GGCTACATGGAGGTGATCAATTTGCACCCCGAGATCAAAGGCCAGCTGGTTAAGCTCCTCCTCGGTCCGCC  
 TCTGTCCGCCAGTGTCTGGACAGGCCGCGATGGACATTGTTGTGAATCCACCGGTGCCAGGAGAGGAGTC  
 CTTTGAGCAATTCACCAGGGAAAAAGAATCCGCTCCTTGGTAATCTGGCCAAAAAAGCAAAGCTGACAGAA  
 GATCTGTTTAACCAAGTCCCGGGATCCAGTGCAACCCCTTGCAAGGAGCCATGTATGCATTCCCTCGGA  
 TTCTCATCCCTGCCAAGGCCGTGGAGGCAGCTCAGTCCCATAAAATGGCTCCAGATATGTTTTACTGCAT  
 GAAACTCCTGGAAGAACTGGCATCTGTGTCGTGCCTGGCAGTGGCTTTGGACAGCGAGAAGGCACCTAC  
 CACTTCAGAAATGACAATTCTCCCTCCAGTGAGAAACTGAAGACAGTACTCCACAAGGTGAAAGATTTTC  
 ACCTGAAGTTCCTGGAGAAGTACTCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001012057

**Insert Size:** 1569 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).

**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:** [NM\\_001012057.1](#), [NP\\_001012057.1](#)

**RefSeq Size:** 1769 bp

**RefSeq ORF:** 1569 bp

**Locus ID:** 307759

**Cytogenetics:** 19p11