

## Product datasheet for **RN216616**

### Pygo1 (NM\_001191117) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pygo1 (NM\_001191117) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pygo1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216616 representing NM\_001191117  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGCAGAACAGGACAAGGAGCCCATCGCGCTGAAGAGAGTTAGAGGTGGTGACAGTGGACTGGATG  
GGTTAGGAGGGCCCAATATACAACAGGAGCCAGATAAGAAAAACGCAAGGCCAGCACAGGGAGC  
TTCCTTCTCCTCCGTTGTCTGAGTACGACCACCGCCAAATCCAAACGCCGACCACCTCGTGGCTGCCAAT  
CCCTTCGATGACAGCTACAACACGATTTCTATAAGCCACTGCCTTCATCCAACCTTATCTTAGCCCTG  
GGTATCCTGGATTTGGAGGCTACAGCACGTTTCAAGTCCACCCACGTCCTCCAAAGATGCTCTCTCC  
CTACTGTGGTCCCTACGCACTCAGGAATCAGCCACATCCATTTCTCAGAATCCTCTGGGCATGGCTTT  
AACCGCCTCATGCTTTAACTTTGGGCCACATGATAACTCGAATTTTGGAAACCCACCTTATAATAACG  
TACTGACACAGGACATTAACATGCCAGTCAGCATTTTAGACAAGGCTCTGCTGAAAACCTTAGTCAGAT  
TCCCCCGCAGAAATGTTGGCCAAGTATCTAACCTGACCTGGCATCTAATTTTGGCCCTGGAATAATTCA  
AATTTAACTCTCCCTTAGAATCGAATCACTCGTTTATCCACCCCAAATTCGTTTGGTCAAGCAAAG  
CTCCACTCCCAACAAGACTTTACGCAAGGGGCAGCCAAAACCGAATCAGAATCTTCCACTCACCC  
ACCTCATTTAAATATGGAGGATCCAGTCAATCAGAGTAATGTCGAGTTAAAAATGTCAACAGAAACAAC  
GTCGTTCAAGAGAACAGCCGTTCCGGCAGCGCGGAGCCCAACAACCCGCGAATGGGACCCAGAAACA  
AGCCCCGGCAGCCAGGGGCACGGCTGACCTGTGACCACTGACAAAAGCCGCAAGTTCTCCCTGCACCC  
CAGCCGGCAGGCCATTCTTCTGACCTGTGTACCCGTGTGGGATTGTACAAATGAAGTAAACGAC  
GATCAGGATGCCATTCTGTGTGAGGCCTTTGTGAGAAGTGGTTTCATCGCATCTGCACCGGAATGACCG  
AAACAGCCTATGGGCTGTTGACAGCTGAAGCATCCGAGTGTGGGTTGTGACACGTGCATGGCTGACAA  
GGATGTCCAGCTAATGCGCACTAGAGAGGCTTTGGTCCACCTGCCGTGGCAGCGATGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001191117
<b>Insert Size:</b>	1254 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001191117.1, NP_001178046.1</u>
<b>RefSeq Size:</b>	1254 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	691857
<b>Cytogenetics:</b>	8q24