

## Product datasheet for **RN202690**

### **Pgm3 (NM\_001108772) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pgm3 (NM_001108772) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgm3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202690 representing NM\_001108772  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATCTGGAGGCTGTTTCTAAGCGCTCGGCATTCCATGCCAAGCCTCAGGGGCTCATTCTTCAGTATG  
 GGACTGCTGGATTCCGGACAAATGCCCAACATCTTGATCATATCATGTTTCGAATGGGGTTGCTAGCTGT  
 TCTGAGGTCAAAGCAGACAAGATCTACCATTGGAGTCATGGTTACGCGCTCACACAACCCTGAGGAAGAC  
 AATGGCGTGAAATTGGTCGATCCTCTGGGGGAAATGTTGGCCCTTCTGGGAGGAGCATGCCACCCGTC  
 TGGCCAGTGCCGAGGAGCAGGACCTGCCAAGGTGCTTGTGCCATCGTGGAGAGAGAAGCCGTGGATCC  
 GCAGCAGACTGCCTTCATAGTTGTTGGCAGAGACACCAGACCCAGCAGCGAGAACTTCCAGTCTGTA  
 ATAGACGGCGTGACTGTTTTAGGAGGTCAATCCATGATTATGGCCTCTTGACCACCTCAGCTACACT  
 ACATGGTGTATTGCCGAATCCGAAGGCCGCTATGGACAGGCCACCATAGAAGGCTACTGCCAGAACT  
 CTCAGGGCTTTCTGTAAGTCACTGAAACAGGCTTCTGCAGTGGAGACGGAAGCAGATGGGTTAAGTT  
 GACTGTGCCAACGGCATAGGGCCCTTGAAGCTAAAGGAAATGGAGCACTACTCCGCCAGGGACTGTCGG  
 TTCTGCTGTTAATGATGGGACTGAAGGGCGGCTCAACCACCTGTGCGGTGCTGACTTCGTGAAAAGTCA  
 GCAGAAGCCCCCAGGGAAATGGCAATGAAGCCGGGTGACAGATGCTGCTCCTTTGACGGGGATGCAGAC  
 AGGATCGTGTATTACTACTGCGATGCAGCTGGCCGCTTTCATCTCATAGACGGAGACAAGATAGCGACGC  
 TCATCAGCAGCTTCTTAAAGAGCTACTGTTGGAGATTGGAGAAAATCTGAATATCGCGCTCGTACAGAC  
 AGCATATGCAAAATGGAAGTCCACAAGGTACCTTGAAGAAGTTATGAAGGTACCTGTGTATTGCACTAAA  
 ACCGGTGTCAAACATTTGCATCACAAGGCTCAAGAGTTTGACATTGGAGTTTATTTTGAAGCGAATGGGC  
 ATGGCACAGCTCTGTTTCAGTGAAGCGGTTGAAGCGAGGATAAAGAGACTCGCCAAAGAGCTGGAAGATGA  
 AAAGGGAAGAGCTGCCAGGATGCTTGCAGCTTTCATCGACTTATTCAACCAGGCAGCTGGAGATGCTATT  
 TCTGACATGCTGGTGATTGAGGCCATCCTGGCTCTGAAGGGGCTGTCTGTACAGCAGTGGGATGCTATTT  
 ATGCCGATCTTCTAACAGACAACCTCAAAGTTAAGGTTGCGGACAGAAGAGTTATTAGCACCACAGATGC  
 TGAGAGACAAGCAGTCACTCCACCAGGACTCCAGGAGGCAATCAATGACCTGGTGAAGAAGTACAAGCTT  
 GCCCGAGCTTTTGTACGGCCCTCTGGTACTGAGGATGTTGTCCGAGTCTATGCAGAAGCCACCTCACAAG  
 TAAGCTGGGATCAATCTACTGACAGAGTTGGGAATCAAGGAACACAGGGAAGGAGCAAGCACTCTGTGTT  
 TGGATCTCACCATGGCTTTCCTTTGACATCTGTGAATACAGTCCTT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108772

**Insert Size:** 1659 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\\_001108772.1](#), [NP\\_001102242.1](#)

**RefSeq Size:** 2083 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 363109

**Cytogenetics:** 8q31