

Product datasheet for **RN216923**

Pgm5 (NM_001191953) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgm5 (NM_001191953) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgm5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216923 representing NM_001191953
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGGGGAGCCCCATCCCGGTGCTGACCGTGCCACAGCGCCCTATGAGGACCAGCGCCGACCGGTG
 GCGGCGGGCTGCGGCGGCCACAGGACTCTTTGAGGGCCAGCGCAACTACCTGCCAACTTCATCCAGAG
 TGTGCTGTCGTCCATTGACCTGCGCGACAGGCAGGTTGCACGATGGTGGTGGTAGCGATGGCAGGTAC
 TTCAGCAGGACGGCCACTGAGATCGTGGTGCAGATGGCTGCGGCCAACGGGATTGGTCGGCTGATTATTG
 GGCAGAATGGCATCTTGTGACACCTGCAGTCTCCTGCATTATCAGGAAGATCAAAGCAGCTGGTGGGAT
 CATCCTAACAGCCAGCCACTGTCCTGGAGGACCAGGGGAGAGTTTGGAGTGAAGTTTAAATGTTGCTAAT
 GGAGGTCTGCACCAGATGTCGTCTCAGACAAAATCTACCAGATCAGCAAAACAATTGAGGAATATACCA
 TATGCCCCGACCTTCGAATTGACCTATCCCGGCTAGGAAGACAAGAATTTGACCTGGAGAACAAGTTCAA
 ACCATTGAGAGTGGAGATTGTGGACCCGTTGACATCTATCTCAACCTCCTGCGGACTATCTTTGACTTT
 AACGCCATCAAGAGTTTGTCTGACAGGACCAGCCAGCTGAAGATCCGTGTTGATGCTATGCATGGAGTTA
 TGGGGCCCTATGTAAGAAAAGTTCTGTGTGATGAACTGGGAGCTCCGGCCAACTCCGCCATAAACTGTGT
 CCCATTAGAAGACTTCGGAGGGCAGCACCCGACCCAAACCTGACATACGCGACCACCCTTCTGGAAGCC
 ATGAAGGGGGGAGAATATGGATTGGAGCTGCATTTGATGCTGATGGGGACCGTTATATGATCCTTGGCC
 AAAATGGCTTCTTTGTGAGTCCCTCAGACTCCCTCGCCATCATTGCTGCCAACCTCTCTTGCACTTCTTA
 TTTCCGTGATGGGTGTTGCGGGGTTGGGAGGAGTATGCCAACAGCATGGCCCTGGACAGAGTGGCT
 AAATCAATGAAGTTCCGTGTATGAGACCCCTGCTGGATGGAGATTCTTCTCAAATCTGATGGACTCCG
 GACGATGCTCTCTGTGTGAGAGGAGAGCTTCGGCACTGGGTCTGATCACCTCCGGGAGAAAGATGCGCT
 CTGGGCTGTCTTGGTCTGGCTGTCCATTATTGCTGCCCGGAAACAGAGCGTGGAGGAAATTTGTAGAGAT
 CATTGGGCCAAATATGGCCGCCACTACTACTGCAGGTTTGACTACGAGGAGTGGAGCCTAAGGCTACGT
 ATTACATCATGAGGGACCTGGAGGCCCTGGTTACGGACAAGTCCTTCATCGGCCAGCAGTTTGTGTGGG
 GAGCCACATTTACAGCATTGCAAAGACCGACAGCTTTGAGTATGTGGACCCTGTGGATGGCACCCTGACC
 AAGAAACAGGGCCTGAGGATCATCTTTTCGGATGCATCACGGCTTATATCCGGCTCAGTTCTCCAGTG
 GTGTTCCGGCCACCATCAGACTGTATGCGGAGAGCTACGAGAGGGATCCAGCGGTCACGATCAGGAACC
 ACAGGCAGTGCTGAGCCCTCTCATAGCCATTGCGCTGAAAATATCCAGATTATGAGAGAACTGGCCGG
 AGAGGACCCACCGTCATACCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191953

Insert Size: 1704 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191953.1, NP_001178882.1

RefSeq Size: 1785 bp

RefSeq ORF: 1704 bp

Locus ID: 679990

Cytogenetics: 1q51