

Product datasheet for **RN204269**

Pgm2l1 (NM_001109454) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgm2l1 (NM_001109454) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgm2l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204269 representing NM_001109454
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGAACGCAAAATGATGACCTGAACTCTAACCTGCTCCACGCCCCCTACCTCACCGGGGACCCCC
 AGCTAGACACGGCCATCGGGCAGTGGCTGCGTTGGGACAAGAATCCCAAAACAAAAGAGCAGATTGAAAA
 TCTCTTGCGGAATGGGATGAACAAGGAATTGCGTGATCGTCTTTGTTGCCGGATGACTTTTGGGACTGCA
 GGACTTCGATCTGCCATGGGAGCAGGGTTCTGCTACATTAATGACCTTACAGTAATACAGTCAACACAAG
 GGATGTACAAATACCTGGAGAGGTGTTTTTCAGACTTCAAGCAGAGAGGCTTTGTTGTTGGCTATGACAC
 CCGGGGTCAAGTACTAGCAGCTGCAGCAGCCAGAGGCTTGCTAACTACTGCTGCGGTGTTGCTGGCT
 AAAGATGTTCTGTTTACCTTTTTCAAGATACGTTCTACACCTTTCTGACCATATGCAGTTCAGGAGC
 TCAAAGCAGTCGAGGTGTGATGATTACTGCTTCTATAACCGCAAAGAGGACAACGGGTACAAGGTTTA
 TTGGGAACTGGTCTCAATCACATCTCCACATGATAAAGAAATCCTGAAATGTATAGAGGAGTGTGTG
 GAGCCCTGGGATGACTCTTGAATGATAATTTAGTGGACACCAGCCACTGAAGAAAGATCCTCTTCAGG
 ACATTTGCAGGAGATACATGGAAGACCTGAAAAAGATCTGTTTTTACAGGACTTAAATCAAAGACCAC
 CTTGAAGTTTGTACATACCTCCTTTTCATGGCGTTGGACATGACTACGTGCAGTTGGCTTTTCAAGTATTT
 GGTTTTAAGCCTCCAATTCAGTCCCAGAACAGAAAGATCCAGATCCAGACTTTTCTACTGTTAAATGTC
 CAAACCTGAAGAAGGAGAATCTGTGCTGGAAGTGTCCCTGAGACTGGCAGAGAAAGAAAATGCACGGAT
 AGTGCTAGCCACAGATCCTGATGCAGACCGGCTGGCAGTAGCAGAACTCAGGAGAATGGTCATTGGAAG
 GTGTTACAGGGAATGAGTTGGCGGCTCTGTTGGGTGGTGGATGTTGATTGCTGGAAGAAAAGTAAAC
 CAAATGCCGACGTGAAGAATGTTTACATGCTAGCCACCCTGTCTCTTCTAAAATTTTAAAGGCAATTGC
 CCTTAAAGAAGGATTTTCATTTTGAAGAAACATTGCCAGGCTTTAAATGGATTGGAAGTAGGATAAAAGAT
 CTCTAGGACATGAAAAAGAAGTCTTTTTGCATTTGAAGAGTCTATTGGCTTTCTGTGTGGAACCTCTG
 TGCTGGACAAAGATGGAGTCAGTGCAGCTGTTGTTGTTGCTGAAATGGCCGCTTTCTGGATGCCAGGAA
 GGTAACACTGATGGAGCAACTGATGAAAGTTTACGAAACATACGGTTATCACATGTCAAAAACCTTCATAT
 TTCTTGTTTATGACCCACCTACCATCAAACCATCTTTGAAAGGATTGCAATTTTGTGCTCCAAAGG
 AATATCCAAAGTCTGTGGGCATTTGCTATTTGTCATGTACGGGACATAACCACTGGCTATGATAGCAG
 CCAGCCAAATAAGAAATCAGTACTGCCTGTGAGCAAAAACAGCCAAATGATCACATTTACTTTTCAAAT
 GGCTGTGTTGCTACTCTCGAACAGTGGGACAGAACCAAGATAAAGTATTATGCAGAGATGTGCCAT
 CACTGGCCAGAGTGACTGCCTTACTGGAAGAAGAATTAAGAAACTCATTGATGCTCTGATAGAGAA
 TTTTCTTGAACCCAGTAAGAATGGACTGATCTGGCGTTCTGTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109454
- Insert Size:** 1866 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_001109454.1](#), [NP_001102924.1](#)

RefSeq Size: 4108 bp

RefSeq ORF: 1866 bp

Locus ID: 685076

Cytogenetics: 1q32