

Product datasheet for **RN210824**

Pfkl (NM_013190) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfkl (NM_013190) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pfkl
Synonyms:	ATP-PFK; PFK-L
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210824 representing NM_013190
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACCGTGGACCTGGAGAAGTTGCGGATGTCGGGGCTGGCAAGGCCATCGGAGTGTGACAAGCG
 GCGGTGACGCGCAAGGTATGAATGCTGCTGTCAGGGCTGTGACTCGTATGGGCATATATGTGGGGCCAA
 AGTCTTCTCATCTACGAGGGCTACGAGGGCTCGTGGAAGGAGGCGAGAACATCAAGCCAGCCAACTGG
 CTCAGTGTCTCCAACATCATCCAGCTGGGCGGCACCATCATTGGCAGTGCCTGTAAGGCCTTCACTA
 CGAGGGAAGGGCGCTGGCAGCGGCTACAATCTGCTCCAACACGGCATACCAACCTGTGTGCATCGG
 TGGGGATGGCAGCCTCACGGGGCCAACATCTCCGCAACGAGTGGGCGAGTTGCTGGAGGAAGTGGT
 AAGGAAGCAAGATCTCAGAGTCCAGCTCAGAACTACGCACACTTGAGCATCGCCGGTCTGGTGGGCT
 CCATCGACAACGACTTCTGCGGCACCGACATGACCATCGGCACGGACTCGGCCCTGCACCGGATCATGGA
 GGTTCATCGACGCCATCACCACCCTGCCAGAGCCACCAGAGGACCTTTGTGTTGGAGGTGATGGGACGG
 CACTGCGGGTACCTGGCGCTGGTGTCTGCGCTGGCCTCCGGGGCTGATTGGCTGTTCATCCCTGAAGCGC
 CCCCAGGAGGATGGCTGGGAGAATTCATGTGTGAGAGGCTGGGGGAGACTCGGAGCCGGGGTCTCGACT
 GAACATCATCATCGCGGAGGGTGCCATCGACCGGCATGAAAAGCCTATCTCATCCAGCTACGTGAAA
 GACCTGGTGGTTCAGAGGCTGGGCTTCGATACACGAGTACCCTGCTGGGCCACGTACAGCGAGGAGGGA
 CACCCTCGGCCTTTGACCGAGTCTGAGTAGCAAGATGGGTATGGAGGCCGTGATGGCGCTGCTGGAGGC
 CACGCCGACACGCCGGCTGCGTGGTCAAGCTCTCCGGGAATCAGTCTGTGCGGCTGCCTCTCATGGAG
 TGTGTCAAGTGACGAAGGATGTGAGAAGGCCATGGATGAGAAGAGGTTTGACGAGGCCATCCAGCTCC
 GTGGCAGGAGCTTCGAGAACAACCTGAAAATTTACAAGCTCCTCGCCCACCAGAAGGTGTCTAAGGAGAA
 GTCCAACCTCTCCCTGGCCATCCTGAATGTGGAGCTCCAGCGCCGGCATGAACGCAGCCGTGCGCTCC
 GCGGTACGCACTGGCATCTCCGAGGGACACACAGTGTACGTTGTGCATGATGGCTTTGAGGGCTGGCCA
 AGGGTCAGGTGCAAGAAGTGGGCTGGCATGATGTGGCAGGTTGGCTAGGACGTGGTGGCTCAATGCTGGG
 GACCAAGAGGACCCTGCCAAGCCCCACCTGGAGGCCATTGTAGAAAATCTCCGTACCTACAACATTCAT
 GCCCTGTTGGTATCGGTGGCTTTGAGGCTACGAGGGTGTGCTGCAGCTGGTGGAGGCTAGGGGGCGCT
 ACGAGGAACTCTGTATCGTCATGTGCGTCATCCCAGCCACCATCAGCAACAATGTCCCTGGCACTGACTT
 CAGCCTGGGCTCGGACACGGCCCTCAACGCTGCAATGGAGAGTTGTGACCGCATCAAACAATCGGCCTCG
 GGGACAAAAGCGGCTGTGTTTATTGTAGAGACCATGGGGGCTACTGTGGCTACCTGGCCACTGTGACAG
 GCATTGCTGTGGGCGCCGATGCCGCTACGTCTTTGAGGACCCTTCAACATCCAGCACTTGAAGGCCAA
 TGTGGAGCATATGACAGAGAAGATGAAGACAGACATCCAGAGGGGCTGGTGTCTCCGGAACGAGAAGTGT
 CACGAACACTACACCACGGAATTCCTATAACAACCTATACTCCTCGGAAGGCAGAGGTGTGTTGACTGCA
 GGACCAACGTGCTGGGCCACCTGCAGCAGGGTGGCGCTCAACCCCTTCGACCGGAACTATGGGACCAA
 ACTGGGGTGAAGGCCATGTTGTGGATGTCGGAGAAGCTGCGTGTGCTACCGCAAAGGGCGGGTGT
 GCCAATGCTCCGACTCAGCCTGTGTGATCGGCCTGAGGAAGAAGTGGTGGCCTTCAGTTCGGTACAG
 AACTCAAGAAAGACAGATTTTGAGCACCGTATGCCCGGGAGCAGTGGTGGCTGAATCTGCGGCTGAT
 GCTGAAGATGTTGGCACACTACCGCATCAGCATGGCCGACTACGTGTCTGGGAGCTGGAGCACGTCACA
 CGCCGCACCTTGAGCATAGACAAGGGTTT**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013190
Insert Size: 2343 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:	<ol style="list-style-type: none">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_013190.4 , NP_037322.1
RefSeq Size:	2770 bp
RefSeq ORF:	2343 bp
Locus ID:	25741
UniProt ID:	P30835
Cytogenetics:	20p12
Gene Summary:	catalyses the synthesis and degradation of Fru-2;6-P ₂ ; mediates switching mechanism in glycolysis/gluconeogenesis opposing fluxes [RGD, Feb 2006]