

Product datasheet for **RN208878**

Pfkp (NM_206847) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfkp (NM_206847) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pfkp
Synonyms:	ATP-PFK; PFK-C; PFK-P; pfkc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208878 representing NM_206847
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTGACCAGGACTCTTCGACGTCCAGCACCTCCTTTCCGAAGTACCTGGAGCACCTCTCTGGGGATG
 GCAAAGCCATCGGTGTCCTGACCAGCGGGGGATGCCAAAGGCATGAATGCTGCTGCTCCGTGCTGTGGT
 GCGCATGGGAATATACACGGGGGCCAAAGTGTACTTTATATACGAGGGTTACCAAGGCATGGTGGATGGA
 GGCTCCAATATTGTGGAAGCCAAGTGGGAGTGTGTCTCCAGCATTCTACAAGTGGGTGGGACCATCATCG
 GCAGTGC GCGTTGCCAAGCCTTCCGCAGCCGTGAAGGGCGTCTGAAAGCCGCTGTAACCTGGTACGCTT
 GGGCATAACCAACCTGTGCGTGATCGGTGGGACGGAAGTCTCACGGGAGCCAACCTCTCCGGAAGGAG
 TGGAGCGGTCTTCTGGAAGAGCTGGCTAAGAATGGTGAAGTTCGATTCCGACACAGTGAAGAAGCACGCT
 ACCTCAACGTGGTGGCATGGTGGCTCCATTGACAATGACTTCTGTGGCACAGACATGACCATCGGTAC
 AGATTCAGCTCTGCACCGAATTATTGAAGTTGTTGATGCCATCATGACCACTGCCAGAGCCACCAGAGA
 ACCTTCGTCCTGGAGGTGATGGGAGACACTGTGGTACTTGGCCTTGGTGAAGCGCTTGGCTTGGCGGTG
 CCGACTGGGTGTTCCCTCCAGAGTCTCCGCCAGAGGAAGTTGGGAGGAAGAAATGTGCCTCAAACCTCTC
 CGAAGCCGTGCCGAAAGAAAAGGCTGAATATCATCATTGTGTCTGAAGGAGCAATCGACACCCAAAAT
 AAGCCAATCACCTCTGAGAAAATCAAGGAGCTTGGTGAACAAATTTGGGCTTTGACACCCGGGTACCA
 TTCTTGGACATGTCCAGAGAGGAGGGACCCCTTCTGCATTTGACAGGATTTTGGCCAGCCGATGGGAGT
 GGAGGCTGTCTTGCCTTGTGGAAGCTACCCCTGAGACCCAGCCTGTGTGCTCACTGAGAGGAAAT
 CAAGCTGTACGCTGCCTCTGATGGAGTGCCTGCAAAATGACCCAGGATGTACAGAAAGCAATGGATGAAA
 GGAGATTTGATGAAGCCGTAACCTCCGAGGAAGGATTTTGGGGCAACCTGAACACCTACAAGCGTCT
 TGCCATTAAGGAGCCTGATGACAAGATCCCAAGAGCAATTGCAATGTAGCCATCATCAATGTAGGGGCA
 CCTGCCGACGGAATGAATGCAGCCGTGCCTCCGCTGTTCCGGTTGGGATTGCAGAGGGCCACAAGATGT
 TCGCAATCTATGACGGCTTTGATGGCCTCGCAATGGCCAAATCAAGAAAATCGGCTGGGGAGATGTCGG
 AGGTTGGACGGGACAAGGAGGTCCATTCTGGGACGAAACGCACCCTACCCGAAAGTACTTGGAGAAG
 ATCGCAGAACAGATGCACTCGAAAAATATCAATGCCCTTCTGATCATTGGCGGATTCGAGGCCTACCTGG
 GACTCCTAGAGCTGGCAGCTGCCGGAACAAACATGAGGCGTCTGTGTCCCTATGGTTATGGTTCCTGC
 TACTGTCTCCAACAATGTGCCAGTTCTGATTTACAGCATCGGGGACAGACCGCTCTGAACACTATCACA
 GACACGTGCGACCGCATAAAACAGTCAGCCAGTGGGACCAAGCGCCGGGTGTTTCATCATTGAGACCATGG
 GCGGATACTGTGGCTACCTGGCCAAACATGGGGGACTTGCAGCGGAGCCGATGCTGCCTACATCTTTGA
 AGAACAATTTGATATCCGAGATTTGCAGTCCAACGTATGCACCTTGACGGAGAAAATGAAGACCAGCATC
 CAGAGGGGCTTGTCTCAGAAATGAAAAGTGCAGTGTAAATTACACCACGGACTTCATCTACCAGCTCT
 ACTCAGAGGAAGGGAAAGGAGTGTGGTACTGCAGGAAGAAGTGTAGGCCACATGCAGCAGGGGGGAGC
 ACCTTCTCCATTCGACAGAAAATTTGGAACCAAAATATCTGCCAAAGCTATGGAGTGGATCTCGGCCAAA
 CTGAAGGGCTCCACGGCACAGGGAAAAAATTTGTTAGTGATGATTCCATTTGTGTCCTGGGAATTGAGA
 AGAGAGACCTCCTGTTTAAACAGTGGCAGAGCTAAGGAAGGCTACTGACTTTGAGCACCCTATCCCCAA
 GCAACAGTGGTGGCTGAAACTGCGGCCGATCATGAAGATCTTGGCAAAGTATGAGGCAAGCTATGACATG
 TCAGACGTAGGCAAGCTGGAGCCGGTGCATAACCACGGGAGAACTATCAGCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_206847
Insert Size: 2367 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_206847.1 , NP_996729.1
RefSeq Size:	2712 bp
RefSeq ORF:	2367 bp
Locus ID:	60416
UniProt ID:	P47860
Cytogenetics:	17q12.2
Gene Summary:	catalyzes the conversion of fructose 6-phosphate (Fru 6-P) to fructose 1,6-bisphosphate [RGD, Feb 2006]