

## Product datasheet for **MC216382**

### **Pfkfb4 (NM\_173019) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pfkfb4 (NM_173019) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pfkfb4
Synonyms:	C230090D14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216382 representing NM\_173019  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTCTCCACGGAACTGACCCAGAATCCCCTGAAGAAGATCTGGATGCCGTACAGCAATGGCAGGC  
 CCGCTCTGCACGCCAGCCAGCGTGGTGTCTGCATGACTAACTGTCCGACACTCATTGTCATGGTGGGCCT  
 GCCAGCCCAGGGCAAGACCTACATTTCTAAGAAGCTGACGCGGTACCTCAACTGGATTGGCGTGCCTACT  
 CGGGAATCAACGTTGGTCAGTATCGCCGGGACATAGTCAAGACGTACAAATCTTTTGTAGTTTTCTCC  
 CAGACAATGAAGAAGGCCTGAAAATCAGGAAGCAGTGTGCCTTAGCAGCCCTCAGTGATGCCGGAAGTT  
 CCTCAGTGAGGAGGGGGACATGTGGCGTTTTTGTGCAACCAATACGACCCGAGAGCGGAGAGCGATG  
 ATCTTTAACTTTGGAGAACAAGTGGCTACAAGACCTTCTTTGTTGAATCTATCTGTGTGGATCCTGAGG  
 TTGTTGCTGCCAACATCGTGAAGTGAAGCTGGCAGCCCTGACTATGTCAACCGGGACAGCGACGAAGC  
 CACCGAAGACTTCATGAGGCGCATTGAATGCTATGAAAACCTCATATGAGTCGCTGGATGAAGACCTGGAC  
 AGGGATCTGTCTACATCAAGATCATGGACGTGGGCCAGAGCTATGTGGTGAACCGTGTGCTGATCACA  
 TCCAGAGTCGCATCGTTTATTACCTCATGAACATCCATGTGACACCCCGCTCCATCTACCTCGCCGGCA  
 TGGGGAGAGCGAGCTAAACCTCAAGGGCCGATTGGTGGGGATCCTGGACTGTCCCCCGGGGCCGGGAG  
 TTTTCAAAGCATCTGGCCAGTTCATCAGTGACCAAGAACATTAAGGATCTGAAGGTCTGGACGAGCCAGA  
 TGAAGAGGACGATCCAGACAGCCGAGGCGCTGAGCGTCCCTTATGAGCAGTGAAGGTCTCAACGAGAT  
 CGATGCCGGCGTCTGTGAGGAAATGACCTACGAAGAAATCCAGGATCACTACCCGCTGGAGTTTGCCTG  
 CGGGATCAGGACAAGTACCGGTACCGGTACCCGAAGGGTGAGTCCATGAAGACCTGGTGCAGCGGCTGG  
 AGCCCGTCATCATGGAAGTGGAGAGGCAGGAGAATGTGTTGGTCATTTGCCACCAGCTGTCATGCCGCTG  
 CCTCTGGCCTACTTCCCTTGACAAGGCAGCTGAAGAGCTGCCCTACCTCAAATGCCCTTGACACACAGTC  
 CTGAAGCTCACACCCGTGGCTTACGTTGTAAAGTGGAGTCCATATTCTGAACGTGGCAGCTGTGAACA  
 CTCACCGAGACAGACCTCAGAATGTAGACATATCCAGGCCTTCAGAGGAAGCCCTGTGCACAGTCCCTGC  
 TCACCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_173019

**Insert Size:** 1410 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\\_173019.5](#), [NP\\_766607.3](#)  
RefSeq Size: 3377 bp  
RefSeq ORF: 1410 bp  
Locus ID: 270198  
UniProt ID: [Q6DTY7](#)  
Cytogenetics: 9 F2  
Gene Summary: Synthesis and degradation of fructose 2,6-bisphosphate.[UniProtKB/Swiss-Prot Function]