

## Product datasheet for **MC218997**

### **Pfkfb3 (NM\_001177753) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pfkfb3 (NM_001177753) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pfkfb3
Synonyms:	E330010H22Rik; iPFK-2; uPFK-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218997 representing NM\_001177753  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGTTGGAAGTACCCAGAGCCGGGTACAGAAGATCTGGGTGCCCGTCGATACCGACCTCGTTGC  
 CCAGATCCTGTGGCCGAAGCTGACCAACTCCCAACCGTGATTGTGATGGTGGGCTCCAGCCGGGG  
 TAAGACTTACATCTCAAGAAGCTGACTCGCTACCTCACTGGATAGGTGTTCCAACGAAAGTGTTCAAT  
 GTGGGAGAGTATCGCGTGAGGCTGTGAAGCAGTACAGCTTTACAACCTCTCCGCCCTGACAATGAGG  
 AAGCCATGAGAGTCCGAAACAGTGTGCCTTAGCTGCCCTGAGAGATGTCAAAGCTACCTGACAAAGGA  
 AGGTGGACAGATTGCAGTTTTTGTGCCACCAATACAACCTAGAGAAAGAAGGCACATGATCCTTAATTTT  
 GCCAAAGAAAATGACTTCAAGGCATTTTTTCATCGAGTCGGTCTGTGACGACCCTACTGTTGTGCCCTCCA  
 ACATCATGGAAGTAAAACTCCAGCCCGATTACAAAGACTGCAACTCAGCAGAAGCCATGGACGACTT  
 CATGAAGAGAATCAATTGCTATGAAGCCAGCTACCAGCCTTTGACCCTGATAAATGTGACAGGGACTTG  
 TCACTCATCAAAGTGATTGATGTTGGCCGGAGGTTCTTGGTGAACAGAGTGCAGGACCACATCCAGAGCC  
 GAATTGTATACTACCTGATGAACATCCAGTGCAGCCCGTACCATCTACCTGTGTCCGATGGCGAGAA  
 TGAGTACAACCTTGAGGGCAAGATTGGGGGCGACTCAGGCTTGTCCAGCAGAGGCAAGAAGTTCCGCAAT  
 GCCCTGAGCAAGTTCGTAGAAGAACAGAATCTGAAGGACCTCCGTGTGTGGACCAGCCAGCTGAAAAGTA  
 CCATTCAGACCGCGGAGGCCCTGAGGCTCCCCTACGAGCAGTGAAGGCACTCAACGAGATCGATGCTGG  
 TGTGTGTGAGGAACTAACCTATGAGGAGATCAGAGATACCTACCTGAGGAGTACGCACTGCGTGAACAG  
 GACAAGTACTACTATCGCTATCCACGGGAGAGTCCCTACCAGGATCTTGTCCAACGCCTGGAGCCTGTGA  
 TCATGGAATTAGAGCGCCAAGAGAATGTATTGGTCATCTGTACCAGGCTGTTCTACGCTGCCTACTAGC  
 CTACTTCTCGACAAGAGTGCAGAGGAGATGCCATACCTGAAATGTCCGCTCCACACTGTCTGAAACTG  
 ACACCTGTGGCATATGGGTGCCGGTGGAGTCCATTTACTTGAATGTAGAATCGGTGAGCACACCCGGG  
 AGAGGTGAGAGGCTGTCAAAATACAACCTTTGCCAGTGTAGTCAGACCTTCTCTTACACCGAACTTGA  
 CTTTCAGTCTGTGGAGTCCGCAAAACAGGATGCAAAGAAGGGACCTAACCCGCTCATGAGACGCAATAGT  
 GTCACCCCACTAGCCAGTCCCGAGCCACCAAAAAGCCTCGCATCAACAGCTTTGAGGAGCGTGTGGCTT  
 CCATTCTGCTGCCCTGCCAAGCTGCCTGCCCCGGAAGTGCCACGCAGCTGCCCGGACAACCTTTGCT  
 AGGAAAGCCTGTCTACGAAGTGTCTGTACATTTTTTCAAAGTTTTCTCCTTAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001177753
- Insert Size:** 1668 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\\_001177753.1](#), [NP\\_001171224.1](#)

**RefSeq Size:** 5206 bp

**RefSeq ORF:** 1668 bp

**Locus ID:** 170768

**Cytogenetics:** 2 A1