

Product datasheet for **MC218545**

Pfkfb3 (NM_001177756) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfkfb3 (NM_001177756) 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: >MC218545 representing NM_001177756
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCGTTGGAAGTACCCAGAGCCGGGTACAGAAGATCTGGGTGCCCGTCGATACCGACCTCGTTGC
 CCAGATCCTGTGGCCGAAGCTGACCAACTCCCAACCGTGATTGTGATGGTGGGCTCCAGCCGGGG
 TAAGACTTACATCTCAAGAAGCTGACTCGCTACCTCAACTGGATAGGTGTTCCAACGAAAGTGTCAAT
 GTGGGAGAGTATCGCGTGAGGCTGTGAAGCAGTACAGCTTTACAACCTCTCCGCCCTGACAATGAGG
 AAGCCATGAGAGTCCGAAACAGTGTGCCTTAGCTGCCCTGAGAGATGTCAAAGCTACCTGACAAAGGA
 AGGTGGACAGATTGCAGTTTTTGTGCCACCAATACAACCTAGAGAAAGAAGGCACATGATCCTTAATTTT
 GCCAAAGAAAATGACTTCAAGGCATTTTTTCATCGAGTCGGTCTGTGACGACCCTACTGTTGTGCCCTCCA
 ACATCATGGAAGTAAAACTCCAGCCCGATTACAAAGACTGCAACTCAGCAGAAGCCATGGACGACTT
 CATGAAGAGAATCAATTGCTATGAAGCCAGCTACCAGCCTTTGACCCTGATAAATGTGACAGGGACTTG
 TCACTCATCAAAGTGATTGATGTTGGCCGGAGGTTCTTGGTGAACAGAGTGCAGGACCACATCCAGAGCC
 GAATTGTATACTACCTGATGAACATCCAGTGCAGCCCGTACCATCTACCTGTGTCCGATGGCGAGAA
 TGAGTACAACCTTGAGGGCAAGATTGGGGGCGACTCAGGCTTGTCCAGCAGAGGCAAGAAGTTCCGCAAT
 GCCCTGAGCAAGTTCGTAGAAGAACAGAATCTGAAGGACCTCCGTGTGTGGACCAGCCAGCTGAAAAGTA
 CCATTCAGACCGCGGAGGCCCTGAGGCTCCCCTACGAGCAGTGAAGGCACTCAACGAGATCGATGCTGG
 TGTGTGTGAGGAACTAACCTATGAGGAGATCAGAGTACCTACCCTGAGGAGTACGCACTGCGTGAACAG
 GACAAGTACTACTATCGCTATCCACGGGAGAGTCCCTACCAGGATCTTGTCCAACGCCTGGAGCCTGTGA
 TCATGGAATTAGAGCGCCAAGAGAATGTATTGGTCACTGTACCAGGCTGTTCTACGCTGCCTACTAGC
 CTACTTCTCGACAAGAGTGCAGAGGAGATGCCATACCTGAAATGTCCGCTCCACACTGTCTGAAACTG
 ACACCTGTGGCATATGGGTGCCGGTGGAGTCCATTTACTTGAATGTAGAATCGGTGAGCACACCCGGG
 AGAGGTGAGAGGCTGTCAAATACAACCTTTGCCAGTGTAGTCAGACCTTCTCTTACACCGAACTTGA
 CTTTCAGTCTGTGGAGTCCGCAAAACAGGATGCAAAGAAGGGACCTAACCCGCTCATGAGACGCAATAGT
 GTCACCCCACTAGCCAGTCCCGAGCCACCAAAAAGCCTCGCATCAACAGCTTTGAGGAGCGTGTGGCTT
 CCATTCTGCTGCCCTGCCAAGCTGCCTGCCCCGGAAGTGCCACGCAGCTGCCCGACAACCTTTGCT
 AGGGAAGCCTGTCTAACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001177756

Insert Size: 1632 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_001177756.1](#), [NP_001171227.1](#)

RefSeq Size: 5153 bp

RefSeq ORF: 1632 bp

Locus ID: 170768

Cytogenetics: 2 A1