

Product datasheet for **MC217960**

Pfkfb3 (NM_001177757) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfkfb3 (NM_001177757) 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: >MC217960 representing NM_001177757
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGTTGGAAGTACCCAGAGCCGGGTACAGAAGATCTGGGTGCCCGTCGATACCGACCCCTCGTTGC
 CCAGATCCTGTGGGCCGAAGCTGACCAACTCCCAACCGTGATTGTGATGGTGGGGCTCCCAGCCGGGG
 TAAGACTTACATCTCAAGAAGCTGACTCGCTACCTCACTGGATAGGTGTTCCAACGAAAGTGTTCAAT
 GTGGGAGAGTATCGCGGTGAGGCTGTGAAGCAGTACAGCTCTTACAACCTCTCCGCCCTGACAATGAGG
 AAGCCATGAGAGTCCGAAACAGTGTGCCTTAGCTGCCCTGAGAGATGTCAAAGCTACCTGACAAAGGA
 AGGTGGACAGATTGCAGTTTTTGTGCCACCAATACAACCTAGAGAAAGAAGGCACATGATCCTTAATTTT
 GCCAAAGAAAATGACTTCAAGGCATTTTTTCATCGAGTCGGTCTGTGACGACCCTACTGTTGTGCCCTCCA
 ACATCATGGAAGTAAAACTCCAGCCCGATTACAAAGACTGCAACTCAGCAGAAGCCATGGACGACTT
 CATGAAGAGAATCAATTGCTATGAAGCCAGCTACCAGCCTCTTGACCCTGATAAATGTGACAGGGACTTG
 TCACTCATCAAAGTGATTGATGTTGGCCGGAGGTTCTTGGTGAACAGAGTGCAGGACCACATCCAGAGCC
 GAATTGTATACTACCTGATGAACATCCAGTGCAGCCCGTACCATCTACCTGTGTCGGCATGGCGAGAA
 TGAGTACAACCTTGAGGGCAAGATTGGGGGCGACTCAGGCTTGTCCAGCAGAGGCAAGAAGTTCGCCAAT
 GCCCTGAGCAAGTTCGTAGAAGAACAGAATCTGAAGGACCTCCGTGTGTGGACCAGCCAGCTGAAAAGTA
 CCATTCAGACCGCGGAGGCCCTGAGGCTCCCCTACGAGCAGTGGAAAGGCACTCAACGAGATCGATGCTGG
 TGTGTGTGAGGAACTAACCTATGAGGAGATCAGAGTACCTACCTGAGGAGTACGCACTGCGTGAACAG
 GACAAGTACTACTATCGCTATCCACGGGAGATCCTACCAGGATCTTGCCAACGCCTGGAGCCTGTGA
 TCATGGAATTAGAGCGCCAAGAGAATGTATTGGTCATCTGTACCAGGCTGTTCTACGCTGCCTACTGTA
 CTACTTCTCGACAAGAGTGCAGAGGAGATGCCATACCTGAAATGTCCGCTCCACACTGTCTGAAACTG
 ACACCTGTGGCATATGGGTGCCGGTGGAGTCCATTTACTTGAATGTAGAATCGGTGAGCACACCCGGG
 AGAGGTGAGAGGATGCAAAGAAGGGACCTAACCCGCTCATGAGACGCAATAGTGTACCCCACTAGCCAG
 TCCCGAGCCACCAAAAAGCCTCGCATCAACAGCTTTGAGGAGCGTGTGGCTTCCACTTCTGCTGCCCTG
 CCAAGTGCCTGCCCCCGAAGTGCCACGCAGCTGCCCGGACAACCTTTGCTAGGGAAAGCCTGTCTAC
 GAAGTGTCTGTACATTTTTTCAAAGTTTTCTCCTTAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001177757

Insert Size: 1581 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>NM_001177757.1, NP_001171228.1</u>
RefSeq Size:	5119 bp
RefSeq ORF:	1581 bp
Locus ID:	170768
Cytogenetics:	2 A1