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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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>MC218545 representing NM_001177756
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGTTGGAACTGACCCAGAGCCGGGTACAGAAGATCTGGGTGCCCGTCGATCACCGACCCTCGTTGC
CCAGATCCTGTGGGCCGAAGCTGACCAACTCCCCAACCGTGATTGTGATGGTGGGGCTCCCAGCCCGGGG
TAAGACTTACATCTCCAAGAAGCTGACTCGCTACCTCAACTGGATAGGTGTTCCAACGAAAGTGTTCAAT
GTGGGAGAGTATCGGCGTGAGGCTGTGAAGCAGTACAGCTCTTACAACTTCTTCCGCCCTGACAATGAGG
AAGCCATGAGAGTCCGAAAACAGTGTGCCTTAGCTGCCCTGAGAGATGTCAAAAGCTACCTGACAAAGGA
AGGTGGACAGATTGCAGTTTTTGATGCCACCAATACAACTAGAGAAAGAAGGCACATGATCCTTAATTTT
GCCAAAGAAAATGACTTCAAGGCATTTTTCATCGAGTCGGTCTGTGACGACCCTACTGTTGTGGCCTCCA
ACATCATGGAAGTTAAAATCTCCAGCCCGGATTACAAAGACTGCAACTCAGCAGAAGCCATGGACGACTT
CATGAAGAGAATCAATTGCTATGAAGCCAGCTACCAGCCTCTTGACCCTGATAAATGTGACAGGGACTTG
TCACTCATCAAAGTGATTGATGTTGGCCGGAGGTTCTTGGTGAACAGAGTGCAGGACCACATCCAGAGCC
GAATTGTATACTACCTGATGAACATCCACGTGCAGCCCCGTACCATCTACCTGTGTCGGCATGGCGAGAA
TGAGTACAACTTGCAGGGCAAGATTGGGGGCGACTCAGGCTTGTCCAGCAGAGGCAAGAAGTTCGCCAAT
GCCCTGAGCAAGTTCGTAGAAGAACAGAATCTGAAGGACCTCCGTGTGTGGACCAGCCAGCTGAAAAGTA
CCATTCAGACCGCGGAGGCCCTGAGGCTCCCCTACGAGCAGTGGAAGGCACTCAACGAGATCGATGCTGG
TGTGTGTGAGGAACTAACCTATGAGGAGATCAGAGATACCTACCCTGAGGAGTACGCACTGCGTGAACAG
GACAAGTACTACTATCGCTATCCCACGGGAGAGTCCTACCAGGATCTTGTCCAACGCCTGGAGCCTGTGA
TCATGGAATTAGAGCGCCAAGAGAATGTATTGGTCATCTGTCACCAGGCTGTTCTACGCTGCCTACTAGC
CTACTTCCTCGACAAGAGTGCAGAGGAGATGCCATACCTGAAATGTCCGCTCCACACTGTCCTGAAACTG
ACACCTGTGGCATATGGGTGCCGGGTGGAGTCCATTTACTTGAATGTAGAATCGGTGAGCACACACCGGG
AGAGGTCAGAGGCTGTCAAAATACAACACTTTGCCAGTGTAGTCAGACCTTCCTCTTACACCGAACTTGA
CTTTCAGTCTGTGGAGTCCGCAAAACAGGATGCAAAGAAGGGACCTAACCCGCTCATGAGACGCAATAGT
GTCACCCCACTAGCCAGTCCCGAGCCCACCAAAAAGCCTCGCATCAACAGCTTTGAGGAGCGTGTGGCTT
CCACTTCTGCTGCCCTGCCAAGCTGCCTGCCCCCGGAAGTGCCCACGCAGCTGCCCGGACAACCTTTGCT
AGGGAAAGCCTGTCTAACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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).

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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

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