

Product datasheet for **MC201442**

Pfkfb2 (NM_008825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfkfb2 (NM_008825) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pfkfb2
Synonyms:	4930568D07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018418 sequence for NM_008825
 GTGCTCCGGTGGCGACTGGGTCTACAGCAGGGAGGACGAATAGGACAGGTCATAGGGTGCCTCCTGAA
 GAACTACCATGTCTGAGAATAGTACATTTTCCCCAGAAGACTGCAACAGCAGCTATAAACCCACGCCTC
 AAATCTGCGAAGGGCAGGGAAGACATGCTCATGGGCTTCTATATGACCAACTCCCAACTCATTGTT
 ATGATTGGCTTCCAGCCCGGGTAAAACCTTATGTGTCTAAGAACTAACACGCTACCTCAACTGGATTG
 GAGTACCCACCAAAGTGTAACTTTGGGTATATCGACGTGAAGCAGTCAAGTCTATCAGTCTTATGA
 TTTCTTTGACATGACAATGAAGAGGCTATGAAGATCCGCAACAGTGTGCTCTGGTGGCACTGGAAGAT
 GTTAAAGCCTATTTACTGAAGAGAGTGGGCAGATTGCGGTGTTGATGCCACCAATACCACTCGGGAGA
 GGAGGGACATGATTTTGAACCTTTCGAAGCAGAATGCCTTCAAGGTATTTTTTGTAGAATCTGTCTGTGA
 TGATCCTGATGTCATTGCTGCCAATATTCTGGAGTAAAAGTTTCGAGCCCTGACTACCCGAAAGGAAT
 AGGGAGAATGTGATGGAGACTTCTGAAGAGAATTGAGTGTACAAGGTCACCTACCAGCCCTTGACC
 CAGACAACTATGATAAGGATCTTTCTTTCATAAAGGTGATAAATGTAGGCCAGAGATTCTGGTCAACAG
 AGTTCCAGACTACATCCAGAGTAAGATTGTCTACTACCTGATGAATATCCACGTCCATCCTCGCACCATC
 TACCTTTGCCGACGGCGAGAGCGAGTTCAACCTTTTGGGAAGATTGGGGTGACTCTGGCCTCTCCG
 TGCGAGGAAAGCAGTTTGTCTCATGCTCTGAAGAAGTTTCTGGAGGAACAGGAGATCCAGGACCTTAAAGT
 GTGGACGAGCCAGTTGAAGAGGACAATTAGAGTGTGCTGAGTCTTGGGGTGACCTATGAGCAGTGGAAAG
 ATCCTCAATGAGATTGATGCTGGCGTGTGTGAGGAGATGACATATTCAGAGATTGAGCAACGGTACCCAG
 AGGAATTTGCACTCCGAGATCAAGAGAAGTATCTGTACCGATACCCTGGTGGGGAGTCTACCAGGACCT
 GGTGCAGCGGCTGGAGCCTGTATCATGGAGCTAGAGCGTCAAGGCAACATCCTCGTTATCTCTCACCAG
 GCTGTCTATGCGCTGCCTCCTGGCCTACTTCTGGATAAAGGCGCAGATGAGTTACCATACTTGAGGTGCC
 CCCTGCACATCATTTCAAACCTACTCCTGTGGCCTATGGTTGCAAAGTGGAAACAATTACTCTGAATGT
 GGATGCTGTAGACACACATCGTGACAAGCCAACACAACTTCCCAAGAGCCAAACCCCTGAAGGATG
 AGAAGGAACAGCTTTACGCCTCTGTCCAGTTCCGAACACAATAAGGCGTCCAAGAAATACAGTGTGGGA
 GCCGACCCTCAAGCCCTCAGCCCTCTCCGTGCTCTGGACATGCAAGAAGGGGGCCGACCAGCCGAAGAC
 CCAAGTACGATTCCGGTGGTGAACCTGTGTGTTCCCTCCAGCTTTGGCCTCTTGCCCTTGCCACTAAT
 CAACCAAGAAGTCATTTAACTTCCCCCACTCCTGTCCCAACGTTAATCTGAAAACAGAATCTGAGCTCA
 TGCGTGTGCAGAGCAGCCTCAGCCATTCTAGTGTAACACGTCACCCGGGGCAAGATGGCAAGTTGG
 GTCTTTAGGACATGTCCCAGATGGGATGATCTGAAAGAAGAGGAGCCAAGCATGAGTCATAGACTTGGT
 TCTTCTGTTTCTGATGTCTGACCCAGTCTGTGAAGTCTGTGTGTGTGTATGTGTGTGTATGTATGCATG
 TGTGTGTATGTATGTGTGTGTGTATGTATGTATGTGTGTGTATGTATGTATGTATGTATGTATGTATGTA
 TGTGTGTGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTA
 TGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTATGTA
 GTTGTGGGAGGGATGTGGGATAGTGTGAGATGTAACAACCTAATTGTCCTTCACATGTGTCTTTAAG
 TCTATCCTTATATCCTTAACTTCCCTGTCTATAGCTTCTTTGGGTTGTCTGGTGTGATGCATGGCAG
 TATGATGCTTAAAGTAAGGGACTGTTGATAAGTATCTAAGCCCCATTGGTGTGTGTGCACTCGGGAAAT
 GGATCTACACTGGGAGAGTCTTTCCCTTCCCTTCTCCCTTCCCTCCAGCCAGGTCCAGCAAGGGTCAG
 CCCAGGCTACAGAACATCCACAGAAAGCCCTGGAGTTTGCAATGGACATAGGGTGTGAGAGCTCTTGCCCT
 TTTTCATGAGAAACAATCCTAAGTTTTTGTGCTGCCCTGGAGAGCTGGCTCTAAGAATGTGGATATGCTTG
 GTTTGCGTTCGAACTTGAGGAGCCGACAGTCTTTGCCGCTGTGAAATGGGGCTGGCCAGGGTAAA
 GTCTAGTTCTTAGAAATGTACAGTTCAGAATTTTGTCCCTATGGCTCTCATTTTCTTTGCCATTCCAGTA
 ACTTTCCTGTAGCCGTGACCTTTGGGGCTGTTTAAAAGCACCATTGAGCCCTGAGTTTCTCCAGGCAAA
 AGTGAAGGTCTCCAATACGTTTCAGTAAAGCTGCTCATTGTTTACCAGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008825
Insert Size: 1557 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:	<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:	BC018418 , AAH18418
RefSeq Size:	2864 bp
RefSeq ORF:	1557 bp
Locus ID:	18640
UniProt ID:	P70265
Cytogenetics:	1 E4
Gene Summary:	Synthesis and degradation of fructose 2,6-bisphosphate.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.