

Product datasheet for SC209129

PFKM (NM_000289) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PFKM (NM_000289) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PFKM
Synonyms:	ATP-PFK; GSD7; PFK-1; PFK-A; PFK1; PFKA; PFKX; PPP1R122
ACCN:	NM_000289
Insert Size:	726 bp
Insert Sequence:	>SC209129 3'UTR clone of NM_000289 The sequence shown below is from the reference sequence of NM_000289. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAAGCGGTCCGGGGAAGCTGCCGTCTAACCTCTCTGGAGTGAGGGGAATAGATTACCTGATCATGG
TCAGCTCACACCCTAATAAGTCCACATCTCTCAGTGTCTTTAGCTGTTTTTTTTCATTAGGTTTCCTTTT
ATTCTGTACCTTGCAGCCATGACCAGTTCTGGCCAGGAGCTGGAGGAGCAGGCAGTGGGTGGGAGCTCC
TTTTAGGTAGAATTTAACATGACTTCTGCCCCAGCTTTATCTGTACACAAGGCTGGGCACCTCTAGTG
CTACTGTAGATATCACTTACTCAGTTAGAATTTTCTAAAAATAAGCTTTATTTATTTCTTTGTGATA
ACAAAGAGTCTTGGTTCCTACTACTTTTACTACAGTGACAAATTGTAACACTACTAATAAATGCCAA
CTGGTCACTGTGCTTTTGCTTCTCCTGTTATCATCTTCTTAAGTGAATGTAATACTGTCAGCCCCATG
TATCAGACACTTGTCTGATGAAGCAGTAAAGACGTTAAGGGTATCACAGGGGGTGGAGGAAGGGATTAT
CTCTAGTACACTACTTGTGCTGTCTGAAAAATTGCTACTGCCAACTCTAAAAACAGTTCTAAATAG
TGACTGAGAAGGTTTGTGCTGGAGTCAAGGAATAAGGCAGCCAATACTCTTTGCACAGTTCTTTAGT
GGGAAGAGAAATTAACAATAAATATCAAGCACTGTG
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_000289.6
Summary:	Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. These isozymes function as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. Tetramer composition varies depending on tissue type. This gene encodes the muscle-type isozyme. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2009]
Locus ID:	5213
MW:	26.7