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Product datasheet for RC200673L1V

PFKP (NM_002627) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PFKP (NM_002627) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PFKP
Synonyms:	ATP-PFK; PFK-C; PFK-P; PFKF
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002627
ORF Size:	2352 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200673).
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002627.3
RefSeq Size:	2657 bp
RefSeq ORF:	2355 bp
Locus ID:	5214
UniProt ID:	Q01813
Cytogenetics:	10p15.2
Domains:	PFK
Protein Families:	Druggable Genome

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Protein Pathways: Fructose and mannose metabolism, Galactose metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Pentose phosphate pathway

MW: 85.6 kDa

Gene Summary: This gene encodes a member of the phosphofructokinase A protein family. The encoded enzyme is the platelet-specific isoform of phosphofructokinase and plays a key role in glycolysis regulation. This gene may play a role in metabolic reprogramming in some cancers, including clear cell renal cell carcinomas, and cancer of the bladder, breast, and lung. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]