

Product datasheet for **RC200922L2V**

PFKL (NM_002626) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PFKL (NM_002626) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PFKL |
| Synonyms: | ATP-PFK; PFK-B; PFK-L |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_002626 |
| ORF Size: | 2340 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200922). |
| 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_002626.4 |
| RefSeq Size: | 2934 bp |
| RefSeq ORF: | 2343 bp |
| Locus ID: | 5211 |
| UniProt ID: | P17858 |
| Cytogenetics: | 21q22.3 |
| 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 kDa |
| Gene Summary: | This gene encodes the liver (L) subunit of an enzyme that catalyzes the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate, which is a key step in glucose metabolism (glycolysis). This enzyme is a tetramer that may be composed of different subunits encoded by distinct genes in different tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014] |