

Recombinant Human PFKL, GST-tagged

Cat. No. PFKL-1657H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKL protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	424-780aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PFKL phosphofructokinase, liver [Homo sapiens]
Official Symbol	PFKL
Synonyms	PFKL; phosphofructokinase, liver; 6-phosphofructokinase, liver type; phosphohexokinase; phosphofructokinase 1; liver-type 1-phosphofructokinase; phosphofructo-1-kinase isozyme B; PFK-B; FLJ30173; FLJ40909; DKFZp686G1648; DKFZp686L2097;

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Gene ID	5211
mRNA Refseq	NM_002626
Protein Refseq	NP_002617
MIM	171860
UniProt ID	P17858
Chromosome Location	21q22.3
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem; Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis, organism-specific biosystem; Glycolysis (Embden-Meyerhof pathway), glucose =>
Function	6-phosphofructokinase activity; contributes_to 6-phosphofructokinase activity; ATP binding; fructose binding; fructose-6-phosphate binding; identical protein binding; kinase activity; kinase binding; metal ion binding; nucleotide binding; protein binding;