

Recombinant Human PFKP protein, His-tagged

Cat. No. PFKP-5643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKP protein(436-784 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	436-784 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	GIADGHRMLAIYDGFDFAGKQIKEIGWTDVGGWTGQGGSSILGTRVLPKYLEEIA TQMRTHSINALLIIGGFAYLGLLELSAAREKHFEFCVPMVMVPATVSNNVPGSDFSI GADTALNTITDTCDRIKQSASGTRRRVFIIETMGGYCGYLANMGGLAAGADAAYIFEE PFDIRDLQSNVEHLTEKMKTTIQRGLVLRNESCSENYTTDFIYQLYSEEGKGVFDCR KNVLGHMQQGGAPSPFDRNFGTKISARAMEWITAKLKEARGRGKKFTTDDSIKVLGI SKRNVIFQPVAELKKQTD FEHRIPKEQWWLKLRLMKILAKYKASYDVSDSGQLEHV QPWSV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name PFKP phosphofructokinase, platelet [Homo sapiens]

Official Symbol PFKP

Synonyms PFKP; phosphofructokinase, platelet; 6-phosphofructokinase type C; PFK C; PFKF; Phosphofructokinase; platelet type; phosphohexokinase; phosphofructokinase 1; phosphofructo-1-kinase isozyme C; Phosphofructokinase, platelet type; 6-phosphofructokinase, platelet type; PFK-C; FLJ40226; FLJ44165;

Gene ID 5214

mRNA Refseq NM_001242339

Protein Refseq NP_001229268

MIM 171840

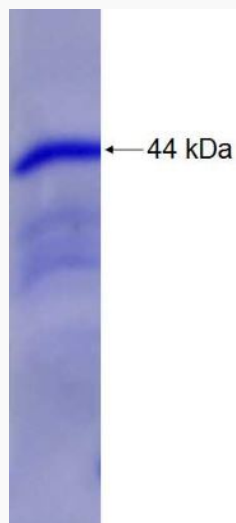
UniProt ID Q01813

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SDS-PAGE



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