

Recombinant Human PFKFB4 protein, GST-tagged

Cat. No. PFKFB4-7684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKFB4 protein(139-232 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	139-232 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 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	ATIFNFGEQNGYKTFFVESICVDPEVIAANIVQVKLGSPDYVNRDSDEATEDFMRRIE CYENSYESLDEDLDRDLSYIKIMDVGQSYVVNRVAD
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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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

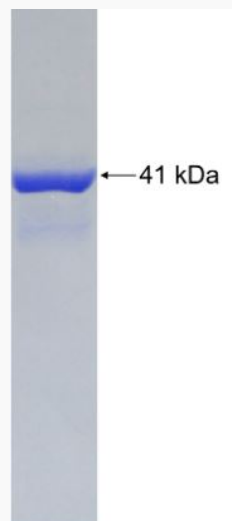
Gene Name	PFKFB4 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 [Homo sapiens]
Official Symbol	PFKFB4
Synonyms	PFKFB4; 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4; 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4; PFK/FBPase 4; 6PF-2-K/Fru-2,6-P2ase 4; 6PF-2-K/Fru-2,6-P2ase testis-type isozyme; 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase-4; bifunctional enzyme with kinase and biphosphatase activities;
Gene ID	5210
mRNA Refseq	NM_004567
Protein Refseq	NP_004558
MIM	605320
UniProt ID	Q16877

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SDS-PAGE

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