

Recombinant Human PFKFB2 protein, His-tagged

Cat. No. PFKFB2-4009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKFB2 protein(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSGASSEQNNNSYETKTPNLRMSEKKCSWASYMTNSPTLIVMIGLPARGKTYVSK KLTRYLNWIGVPTKVFNLGVYRREAVKSYKSYDFFRHDNEEAMKIRKQCALVALEDV KAYLTEENGQIAVFDATNTTTRERRDMILNFAEQNSFKVFFVESVCDDPDVIAANILEV KVSSPDYPERNRENVMEDFLKRIECYKVTYRPLDPDNYDKDLSFIKVINVGQRFLVN RVQDYIQSKIVYYLMNIHVQPRTIYLCRHGESEFNLLGKIGGDSGLSVRGKQFAQALR KFLEEQEITDLKVWTSQLKRTIQTAEISLGVPYEQWKILNEIDAGVCEEMTYAEIEKRY PEEFAL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PFKFB2 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2 [Homo sapiens]
Official Symbol	PFKFB2
Synonyms	PFK-2/FBPase-2
Gene ID	5208
mRNA Refseq	NM_006212.2
Protein Refseq	NP_006203.2
MIM	171835
UniProt ID	O60825

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