

Recombinant Human PFKM protein, His&GST-tagged

Cat. No. PFKM-2375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKM protein(P08237-1) (Thr2-Val780) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-780 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5, 10% glycerol.
Molecular Mass	The recombinant human PFKM /GST chimera consists of 1016 amino acids and has a calculated molecular mass of 112.9 kDa. The recombinant protein migrates as an approximately 113 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PFKM phosphofructokinase, muscle [Homo sapiens]

Official Symbol PFKM

Synonyms

PFKM; phosphofructokinase, muscle; PFKX, phosphofructokinase, polypeptide X; 6-phosphofructokinase, muscle type; PFK 1; PFK-A; phosphohexokinase; phosphofructokinase 1; phosphofructokinase-M; 6-phosphofructo-1-kinase; phosphofructo-1-kinase isozyme A; phosphofructokinase, polypeptide X; GSD7; PFK1; PFKA; PFKX; PFK-1; MGC8699;

Gene ID 5213

mRNA Refseq NM_000289

Protein Refseq NP_000280

MIM 610681

UniProt ID P08237

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