

Recombinant Human PFKM, His-GST tagged

Cat. No. PFKM-8640H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFKM (P08237-1) (Thr2-Val780), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-780 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5, 10% glycerolNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted 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. 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

Gene ID 5213

mRNA Refseq NM_000289

Protein Refseq NP_000280

MIM 610681

UniProt ID P08237

Chromosome Location 12q13.11

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