

Datasheet for ABIN667782

**PFKM Protein (AA 1-780) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	PFKM
Protein Characteristics:	AA 1-780
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKM protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	PFKM, 1-780 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 80 % by SDS - PAGE

## Target Details

Target:	PFKM
Alternative Name:	PFKM ( <a href="#">PFKM Products</a> )
Background:	<p>PFKM is regulatory glycolytic enzymes that convert fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate (through PFK-2) and ADP. Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet.</p> <p>Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Recombinant human PFKM protein, fused to His-tag at N-terminus,</p>

Target Details

was expressed in E.coli and purified by using conventional chromatography techniques.

Synonyms: GSD7, PFK-1, PFK1, PFKA, PFKX, 6-Phosphofructokinase, muscle type 6 Phosphofructokinase Muscle Type, EC 2.7.1.11, MGC8699, PFKL, PFKM, PFKP, Phosphofructo 1 Kinase Isozyme A, Phosphofructokinase 1, Phosphofructokinase M, Phosphofructokinase, muscle, Phosphofructokinase, muscle type, Phosphofructokinase, polypeptide X, Phosphohexokinase. NCBI no.: NP\_000280

Molecular Weight:	87.3 kDa (800aa), confirmed by MALDI-TOF
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Warburg Effect</a>

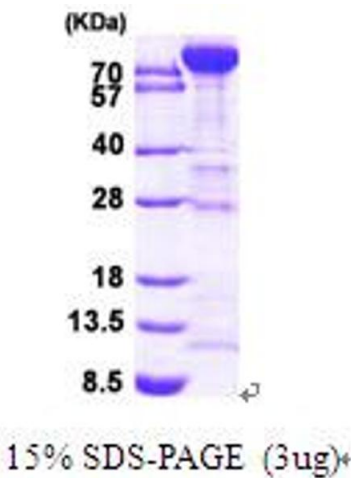
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 5mM DTT, 0.2 M NaCl, and 20% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.