

PFKM 抗原（重组蛋白）

中文名称：PFKM 抗原（重组蛋白）

英文名称：PFKM Antigen (Recombinant Protein)

别名：phosphofructokinase, muscle; GSD7; PFK1; PFKA; PFKX; PFK-1; ATP-PFK; PPP1R122

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 581-780 amino acids of human PFKM

技术规格

Full name:	phosphofructokinase, muscle
Synonyms:	GSD7; PFK1; PFKA; PFKX; PFK-1; ATP-PFK; PPP1R122
Swissprot:	P08237
Gene Accession:	BC021203
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. These isozymes function as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. Tetramer composition varies depending on tissue type. This gene encodes the muscle-type isozyme. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Alternatively spliced transcript variants have been described.