

# Recombinant Human PFKM

Catalog No: #GP13053



Package Size: #GP13053-1 100ug

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## Description

Product Name	Recombinant Human PFKM
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 581-780 amino acids of human PFKM
Target Name	phosphofructokinase, muscle
Other Names	GSD7; PFK1; PFKA; PFKX; PFK-1; ATP-PFK; PPP1R122
Accession No.	Swissprot:P08237Gene Accession:BC021203
Uniprot	P08237
GeneID	5213;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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