

Recombinant Human PFKP

Catalog No: #GP11187



Package Size: #GP11187-1 100ug

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human PFKP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human phosphofructokinase, platelet
Target Name	phosphofructokinase, platelet
Other Names	PFKF; PFK-C
Accession No.	Swissprot:Q01813Gene Accession:BC002536
Uniprot	Q01813
GeneID	5214;
Storage	-20~-80°C, pH 7.6 PBS

Background

The PFKP gene encodes the platelet isoform of phosphofructokinase (PFK) (ATP:D-fructose-6-phosphate-1-phosphotransferase, EC 2.7.1.11). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. The PFKP gene, which maps to chromosome 10p, is also expressed in fibroblasts. See also the muscle (PFKM; MIM 610681) and liver (PFKL; MIM 171860) isoforms of phosphofructokinase, which map to chromosomes 12q13 and 21q22, respectively. Vora (1981) [PubMed 6451249] determined that full tetrameric phosphofructokinase enzyme expressed in platelets can be composed of subunits P4, P3L, and P2L2

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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