

PKM 抗原（重组蛋白）

中文名称：PKM 抗原（重组蛋白）

英文名称：PKM Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 11-221 amino acids of human PKM

技术规格

Full name:	pyruvate kinase, muscle
Synonyms:	PK3; TCB; OIP3; PKM2; CTHBP; THBP1; HEL-S-30
Swissprot:	P14618
Gene Accession:	BC007640
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and stimulates POU5F1-mediated transcriptional activation. Plays a general role in caspase independent cell death of tumor cells. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis.

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