

Pyruvate kinase M2 Active from Mouse, Recombinant

Cat. No. NATE-0939

Lot. No. (See product label)

Introduction

Description

Pyruvate kinase M2 (PKM2) is an isoform of pyruvate kinase that is expressed in certain differentiated cells and in proliferatively active cells. PKM2 is often overexpressed in cancer cells.

Synonyms

M2-PK tumor; OPA-interacting protein 3 (OIP-3); Pyruvate kinase 3 (PK3); Pyruvate kinase; muscle; Thyroid hormone-binding protein 1 (THBP1); Pyruvate kinase; phosphoenolpyruvate kinase; phosphoenol transphosphorylase; pyruvate kinase (phosphorylating); fluorokinase; fluorokinase (phosphorylating); pyruvic kinase; pyruvate phosphotransferase; ATP:pyruvate 2-O-phosphotransferase

Product Information

Species

Mouse

Source

E. coli

Form

Aqueous solution, Formulated in 25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol and 3 mM DTT.

CAS No.

9001-59-6

Molecular Weight

58 kDa

Purity

Greater than 90% (SDS-PAGE)

Unit Definition

One unit is defined as the amount of enzyme required to transfer a phosphoryl group from phosphoenolpyruvate (PEP) to 1 pmol of ADP/min at 37°C.

Storage and Shipping Information

Storage

Store at -70°C. Avoid multiple freeze-thaw cycles.