

# Pyruvate kinase M2 Active from Mouse, Recombinant

Cat. No. NATE-0939

Lot. No. (See product label)

## Introduction

<b>Description</b>	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.
<b>Synonyms</b>	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

<b>Species</b>	Mouse
<b>Source</b>	E. coli
<b>Form</b>	Aqueous solution, Formulated in 25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol and 3 mM DTT.
<b>CAS No.</b>	9001-59-6
<b>Molecular Weight</b>	58 kDa
<b>Purity</b>	Greater than 90% (SDS-PAGE)
<b>Unit Definition</b>	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

<b>Storage</b>	Store at -70°C. Avoid multiple freeze-thaw cycles.
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