Creative Enzymes®

Pyruvate Kinase M2 from Human, Recombinant

Cat. No. NATE-0938

Lot. No. (See product label)

Introduction

Description	Pyruvate kinase (PK) is an important glycolytic enzyme catalyzing the last step of glycolysis, transferring a phosphate group from phosphoenolpyruvate to ADP to yield one molecule of ATP and one molecule of pyruvate.
Synonyms	Cytosolic Thyroid hormone-binding protein (CTHBP); M2-PK; OPA-interacting protein 3 (OIP-3); PKM2; Pyruvate kinase 3 (PK3); Pyruvate kinase muscle isozyme; p58; Pyruvate kinase; phosphoenolpyruvate kinase; phosphoenol transphosphorylase; pyruvate kinase (phosphorylating); fluorokinase; fluorokinase (phosphorylating); pyruvic kinase; pyruvate phosphotransferase; ATP:pyruvate 2-O-phosphotransferase

Product Information

Species	Human
Source	E. coli
Form	Lyophilized powder containing phosphate buffer at pH7.5, NaCl, DTT and a carbohydrate stabilizer.
CAS No.	9001-59-6
Molecular Weight	58 kDa
Activity	> 100 unit/mg protein
Unit Definition	One unit will convert 1.0 µmole of phosphoenol-pyruvate to pyruvate per minute at pH 7.6 at 37 °C, in the presence of 1 mM fructose-1,6-bisphosphate.

Storage and Shipping Information

Storage	Store at -20°C