

## **Pyruvate Kinase from Rabbit muscle**

**Product Code:** 164466

**EC no:** 2.7.1.40

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**SKU:** 164466

**Category:** [Enzymes](#)

## **PRODUCT DESCRIPTION**

### **SPECIFICATIONS:**

#### **EC 2.7.1.40**

**Product name: ATP:** pyruvate 2-O-phosphotransferase

**Appearance:** white ammonium sulphate suspension

**Activity:** 2,000 U/ml or more

#### **Contaminants:**

- Lactate dehydrogenase:  $\leq 1.0 \times 10^{-2}\%$ ,
- Myokinase:  $\leq 2.0 \times 10^{-2}\%$ , NADH oxidase:  $\leq 1.0 \times 10^{-2}\%$

**Stability:** Stable at 2 – 8 °C for at least 12 months

**Molecular weight:** 237,000

**Structure:** 4 subunits per mole of enzyme

**Isoelectric point:** 5.98

**Inhibitors:** p-Chloromercuribenzoate, N-ethylmaleimide, SDS, DAC,  
Zn<sup>2+</sup>, Cd<sup>2+</sup>, Cu<sup>2+</sup>, Ag<sup>2+</sup>, Hg<sup>2+</sup>

**Activators:** Mg<sup>2+</sup>, K<sup>+</sup>