

Pyruvate Kinase from Rabbit muscle

Product Code: 164466

EC no: 2.7.1.40

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^{2+} , Cd^{2+} , Cu^{2+} , Ag^{2+} , Hg^{2+}

Activators: Mg^{2+} , K^{+}