

We offer various packaging (protein concentration, activity, etc.) if necessary.

Data sheet

Enzyme	: Phosphoglycerate kinase YK1
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Code ; PGK-97-01

Lot No. ; 1-H201B

Protein conc. ; mg/ml

Volume ; ml

Form ; 20 mM Tris-HCl (pH 7.5), 20 mM KCl

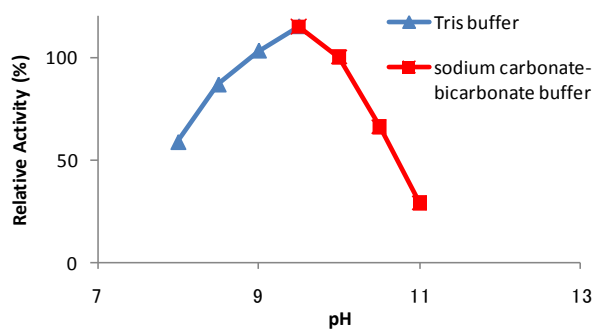
Storage ; -20 °C

Activity ; U/ml

Notes ; For research use only

Activity measurement

Reaction mix (20 mM Potassium phosphate buffer (pH 7.0), 1 mM 3-Phosphoglycerate, 0.3 mM NADH, 5 mM MgCl₂, 5 mM ATP, 5U/ml Glyceraldehyde 3-phosphate dehydrogenase and appropriate amount of the enzyme) was incubated at 50 °C and A₃₄₀ was monitored. One unit is defined as the amount of the enzyme oxidizing 1 μmol of NADH ($\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$) per 1 minute using 3-Phosphoglycerate as a substrate.

pH profileThermostability