

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

Data sheet

Enzyme	;	Xylulokinase B
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Code	;	XYK-54-01
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Lot No.	;	1-S101T
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Protein conc.	;	mg/ml
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Volume	;	ml
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Form	;	20 mM Tris-HCl (pH 8.0)
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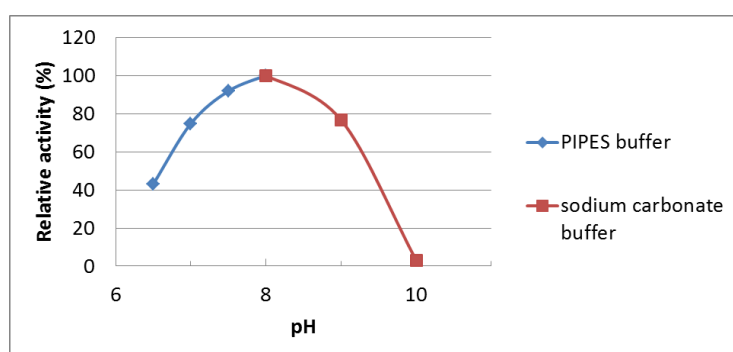
Storage	;	-20 °C
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Activity	;	U/ml
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Notes	;	For research use only
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Activity measurement . . . Reaction mixture (1.33 mM D-Xylulose, 50 mM PIPES (pH 8.0), 2 mM ATP, 2 mM Phosphoenolpyruvate, 3 mM Glutathione (reduced), 20 U/ml Lactate dehydrogenase, 20 U/ml Pyruvate kinase, 0.2 mM NADH and 2.5 mM MgCl₂) was pre-incubated at 60 °C. After addition of the enzyme A₃₄₀ was monitored. One unit is defined as the amount of enzyme oxidizing 1 μmol of NADH⁺ per 1 minute ($\epsilon_{340}=6.22 \text{ mM}^{-1} \text{ cm}^{-1}$).

pH profile



Temperature profile

