

Active Native Yeast 3-Phosphoglyceric Phosphokinase

Cat. No. PGK-100Y Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Yeast 3-Phosphoglyceric Phosphokinase was purified from baker's yeast (<i>S. cerevisiae</i>).
Species	Yeast
Source	Yeast
Form	ammonium sulfate suspension. Crystalline suspension in 3.0 M (NH ₄) ₂ SO ₄ and 0.04 M tetrasodium pyrophosphate solution, pH 8.0
Bio-activity	≥1000 units/mg
Applications	3-Phosphoglyceric Phosphokinase generates ATP by catalyzing the transfer of a phosphate group from 1,3-diphosphoglycerate to ADP. 3-Phosphoglycerate Phosphokinase is used to study glycolysis and gluconeogenesis. It has also been used to study low molecular weight GTP-binding proteins and mechanisms of inhibition of glyceraldehyde-3-phosphate dehydrogenase.
Storage	2-8°C

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