

## Active Native Yeast 3-Phosphoglyceric Phosphokinase

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

### SPECIFICATION

<b>Product Overview</b>	Native Yeast 3-Phosphoglyceric Phosphokinase was purified from baker's yeast ( <i>S. cerevisiae</i> ).
<b>Species</b>	Yeast
<b>Source</b>	Yeast
<b>Form</b>	ammonium sulfate suspension. Crystalline suspension in 3.0 M (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> and 0.04 M tetrasodium pyrophosphate solution, pH 8.0
<b>Bio-activity</b>	≥1000 units/mg
<b>Applications</b>	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.
<b>Storage</b>	2-8°C

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