Phosphokinase (PKase)

Cat. No. PKase-37 **Lot. No.** (See product label)

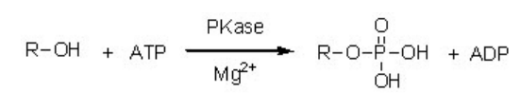
SPECIFICATION

Product Overview	
Description	PKase (Phosphokinase): catalyzes the transfer of phosphate groups on ATP to other compounds. It also catalyzes the transfer of phosphate groups on other nucleosides of triphosphate sometimes. Most kinases need divalent metal ions to participate in the reaction (generally Mg2+).
Applications	1. Normally, the reaction system should include substrate, buffer solution, enzyme, ATP, Mg2+. 2. PKase should be added last into reaction system, after the pH and temperature been adjusted to the reaction condition.
Notes	Never contact with extreme conditions such as: high temperature, high/low pH and high concentration organic solvent.
Storage	Keep 2 years below -20 centigrade.
Advantages	1. High substrate specificity. 2. Strong chiral selectivity. 3. High conversion. 4. Less by-products. 5. Mild reaction conditions. 6. Environmentally friendly.

GENE INFORMATION

Official Symbol	PKase
Synonyms	Phosphokinase; PKase

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Catalytic reaction type	 Synthesis of nicotinamide ribose phosphate from nicotinamide ribose.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA