

Active Native ADP-specific glucokinase

Cat. No. ADPGK-45 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native ADP-specific glucokinase (EC 2.7.1.147) was purified from <i>Pyrococcus furiosus</i> .
Species	<i>Pyrococcus furiosus</i>
Source	<i>Pyrococcus Furiosus</i>
Description	In enzymology, an ADP-specific glucokinase (EC 2.7.1.147) also known as ADP-dependent glucokinase is an enzyme that catalyzes the chemical reaction $\text{ADP} + \text{D-glucose} \rightarrow \text{AMP} + \text{D-glucose 6-phosphate}$. Thus, the two substrates of this enzyme are ADP and D-glucose, whereas its two products are AMP and D-glucose 6-phosphate.
Form	White lyophilized powder.
Bio-activity	≥ 30 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C .

 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