

## Active Native ADP-specific glucokinase

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

### SPECIFICATION

<b>Product Overview</b>	Native ADP-specific glucokinase (EC 2.7.1.147) was purified from <i>Pyrococcus furiosus</i> .
<b>Species</b>	<i>Pyrococcus furiosus</i>
<b>Source</b>	<i>Pyrococcus Furiosus</i>
<b>Description</b>	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.
<b>Form</b>	White lyophilized powder.
<b>Bio-activity</b>	≥30 U/mg
<b>Storage</b>	Store in tightly closed containers, desiccated, protected from light, at -20°C.

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