

## Active Native Phosphoglucose isomerase

Cat. No. PGI-31    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Native Glucose-6-phosphate isomerase (EC 5.3.1.9) was purified from <i>Bacillus stearothermophilus</i> .                                                                                                                                                                                              |
| Species          | <i>Bacillus stearothermophilus</i>                                                                                                                                                                                                                                                                    |
| Source           | <i>Bacillus stearothermophilus</i>                                                                                                                                                                                                                                                                    |
| Description      | Glucose-6-phosphate isomerase (alternatively known as phosphoglucose isomerase or phosphohexose isomerase) is an enzyme that catalyzes the conversion of glucose-6-phosphate into fructose 6-phosphate in the second step of glycolysis. The human variant of this enzyme is encoded by the GPI gene. |
| Form             | White lyophilized powder.                                                                                                                                                                                                                                                                             |
| Bio-activity     | ≥250 U/mg                                                                                                                                                                                                                                                                                             |
| Storage          | Store in tightly closed containers, desiccated, protected from light, at -20oC.                                                                                                                                                                                                                       |

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