



# Native Bacillus sp. Hexokinase (DAG-WT1294)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | One unit is defined as the amount of enzyme which generates 1 $\mu$ mole of NADPH per minute at 37°C under the conditions specified in the assay procedure. |
| <b>Conjugate</b>        | N/A   |
| <b>Applications</b>     | Enzymatic determination   |
| <b>Molecular Weight</b> | 140 kDa   |
| <b>Format</b>           | Lyophilized   |
| <b>Size</b>             | 1 KU  |
| <b>Buffer</b>           | Enzyme dilution buffer  |
| <b>Storage</b>          | Store at -20°C  |

## BACKGROUND

|                     |   |
|---------------------|---|
| <b>Introduction</b> | Hexokinase is the initial enzyme of glycolysis, catalyzing the phosphorylation of glucose by ATP to glucose-6-P. It is one of the rate-limiting enzymes of glycolysis. Its activity declines rapidly as normal red cells age. |
| <b>Keywords</b>     | Hexokinase  |