Creative Enzymes®

# aldose-6-phosphate reductase (NADPH)

*Cat. No. EXWM-0105*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | In the reverse reaction, acts also on D-galactose 6-phosphate and, more slowly, on D-mannose 6-phosphate and 2-deoxy-D-glucose 6-phosphate. |
| ***Synonyms*** | aldose 6-phosphate reductase; NADP-dependent aldose 6-phosphate reductase; A6PR; aldose-6-P reductase; aldose-6-phosphate reductase; alditol 6-phosphate:NADP 1-oxidoreductase; aldose-6-phosphate reductase (NADPH2) |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.1.1.200 |
| ***CAS No.*** | 76901-04-7 |
| ***Reaction*** | D-sorbitol 6-phosphate + NADP+ = D-glucose 6-phosphate + NADPH + H+ |
| ***Notes*** | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |

## Storage and Shipping Information

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |