Creative Enzymes®

# glucuronolactone reductase

*Cat. No. EXWM-0104*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is L-gulono-1,4-lactone:NADP+ 1-oxidoreductase. Other names in common use include GRase, and gulonolactone dehydrogenase. This enzyme participates in ascorbate and aldarate metabolism. |
| ***Synonyms*** | GRase; gulonolactone dehydrogenase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.1.1.20 |
| ***CAS No.*** | 9028-30-2 |
| ***Reaction*** | L-gulono-1,4-lactone + NADP+ = D-glucurono-3,6-lactone + 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 ℃. |