

## glucuronolactone reductase

Cat. No. EXWM-0104

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is L-gulonono-1,4-lactone:NADP<sup>+</sup> 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

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.20

**CAS No.** 9028-30-2

**Reaction** L-gulonono-1,4-lactone + NADP<sup>+</sup> = D-glucurono-3,6-lactone + NADPH + H<sup>+</sup>

**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

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