

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⁺ 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

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

Storage

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