

D/L-glyceraldehyde reductase

Cat. No. EXWM-0290

Lot. No. (See product label)

Introduction

Description

The enzyme takes part in a D-galacturonate degradation pathway in the fungi *Aspergillus niger* and *Trichoderma reesei* (*Hypocrea jecorina*). It has equal activity with D- and L-glyceraldehyde, and can also reduce glyoxal and methylglyoxal. The reaction is only observed in the direction of glyceraldehyde reduction.

Synonyms

gld1 (gene name); gaaD (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.372

Reaction

(1) glycerol + NADP⁺ = L-glyceraldehyde + NADPH + H⁺; (2) glycerol + NADP⁺ = D-glyceraldehyde + 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.