

## glucose 1-dehydrogenase (FAD, quinone)

Cat. No. EXWM-0437

Lot. No. (See product label)

### Introduction

#### Description

A glycoprotein containing one mole of FAD per mole of enzyme. 2,6-Dichloroindophenol can act as acceptor. cf. EC 1.1.5.2, quinoprotein glucose dehydrogenase.

#### Synonyms

glucose dehydrogenase (Aspergillus); FAD-dependent glucose dehydrogenase; D-glucose:(acceptor) 1-oxidoreductase; glucose dehydrogenase (acceptor); gdh (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.5.9

#### CAS No.

37250-84-3

#### Reaction

D-glucose + a quinone = D-glucono-1,5-lactone + a quinol

#### 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.