Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.