Creative Enzymes®

NADPH dehydrogenase (quinone)

Cat. No. EXWM-1588

Lot. No. (See product label)

Introduction

Description	A flavoprotein. The enzyme from Escherichia coli is specific for NADPH and is most active with quinone derivatives and ferricyanide as electron acceptors.Menaquinone can act as acceptor. The enzyme from hog liver is inhibited by dicoumarol and folic acid derivatives but not by 2,4-dinitrophenol.
Synonyms	reduced nicotinamide adenine dinucleotide phosphate (quinone) dehydrogenase; NADPH oxidase; NADPH2 dehydrogenase (quinone)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.6.5.10
CAS No.	37256-37-4
Reaction	NADPH + H+ + a quinone = NADP+ + 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 ℃.