Creative Enzymes®

polyvinyl alcohol dehydrogenase (cytochrome)

Cat. No. EXWM-0388

Lot. No. (See product label)

Introduction

Description	A quinoprotein. The enzyme is involved in bacterial polyvinyl alcohol degradation. Some Gram-negative bacteria degrade polyvinyl alcohol by importing it into the periplasmic space, where it is oxidized by polyvinyl alcohol dehydrogenase, an enzyme that is coupled to the respiratory chain via cytochrome c. The enzyme contains a pyrroloquinoline quinone cofactor.
Synonyms	PVA dehydrogenase; PVADH

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.2.6
Reaction	polyvinyl alcohol + ferricytochrome c = oxidized polyvinyl alcohol + ferrocytochrome c + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.