Creative Enzymes®

D-amino acid dehydrogenase (quinone)

Cat. No. EXWM-1486

Lot. No. (See product label)

Introduction

Description	An iron-sulfur flavoprotein (FAD). The enzyme from the bacterium Helicobacter pylori is highly specific for D-proline, while the enzyme from the bacterium Escherichia coli B is most active with D-alanine, D-phenylalanine and D-methionine. This enzyme may be the same as EC 1.4.99.6.
Synonyms	DadA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.5.1
Reaction	a D-amino acid + H2O + a quinone = a 2-oxo carboxylate + NH3 + 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 ℃.