

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