Creative Enzymes®

D-lactate dehydrogenase (acceptor)

Cat. No. EXWM-0469

Lot. No. (See product label)

Introduction

Description	The zinc flavoprotein (FAD) from the archaeon Archaeoglobus fulgidus cannot utilize NAD+, cytochrome c, methylene blue or dimethylnaphthoquinone as acceptors. In vitro it is active with artificial electron acceptors such as 2,6-dichlorophenolindophenol, but the physiological acceptor is not yet known.
Synonyms	D-2-hydroxy acid dehydrogenase; D-2-hydroxy-acid dehydrogenase; (R)-2-hydroxy-acid:acceptor 2-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.99.6
CAS No.	9028-83-5
Reaction	(R)-lactate + acceptor = pyruvate + reduced acceptor
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 ℃.