

## 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<sup>+</sup>, 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.