

## 4-hydroxy-2-oxohexanoate aldolase

Cat. No. EXWM-4920

Lot. No. (See product label)

### Introduction

#### Description

Requires Mn<sup>2+</sup> for maximal activity. The enzymes from the bacteria Burkholderia xenovorans and Thermus thermophilus also perform the reaction of EC 4.1.3.39, 4-hydroxy-2-oxovalerate aldolase. The enzyme forms a bifunctional complex with EC 1.2.1.87, propanal dehydrogenase (CoA-propanoylating), with a tight channel connecting the two subunits.

#### Synonyms

BphI

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.3.43

#### Reaction

(S)-4-hydroxy-2-oxohexanoate = propanal + pyruvate

#### 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.