

## 4-hydroxybutanoyl-CoA dehydratase

Cat. No. EXWM-4961

Lot. No. (See product label)

### Introduction

**Description** Contains FAD and a [4Fe-4S] iron-sulfur cluster. The enzyme has been characterized from several microorganisms, including *Clostridium kluuyveri*, where it participates in succinate fermentation, *Clostridium aminobutyricum*, where it participates in 4-aminobutyrate degradation, and *Metallosphaera sedula*, where it participates in the 3-hydroxypropionate/4-hydroxybutyrate cycle, an autotrophic CO<sub>2</sub> fixation pathway found in some thermoacidophilic archaea.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.1.120

**Reaction** 4-hydroxybutanoyl-CoA = (E)-but-2-enoyl-CoA + H<sub>2</sub>O

**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.