

## 2-hydroxyisobutanoyl-CoA mutase

Cat. No. EXWM-5499

Lot. No. (See product label)

### Introduction

**Description** The enzyme, characterized from the bacterium *Aquicola tertiarycarbonis*, uses radical chemistry to rearrange the positions of both a methyl group and a hydroxyl group. It consists of two subunits, the smaller one containing a cobalamin cofactor. It plays a central role in the degradation of assorted substrates containing a tert-butyl moiety.

**Synonyms** hcmAB (gene names)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.3.3.20

**Reaction** 2-hydroxy-2-methylpropanoyl = (S)-3-hydroxybutanoyl-CoA

**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.