

## dihydroxyfumarate decarboxylase

Cat. No. EXWM-4800

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of lyases, specifically the carboxy-lyases, which cleave carbon-carbon bonds. This enzyme is also called dihydroxyfumarate carboxy-lyase. This enzyme participates in glyoxylate and dicarboxylate metabolism.

**Synonyms** dihydroxyfumarate carboxy-lyase; dihydroxyfumarate carboxy-lyase (tartronate-semialdehyde-forming)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.1.54

**CAS No.** 37289-51-3

**Reaction** dihydroxyfumarate = 2-hydroxy-3-oxopropanoate + CO<sub>2</sub>

**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.