

## 4-hydroxyphenylacetate decarboxylase

Cat. No. EXWM-4832

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, from the strict anaerobe *Clostridium difficile*, can also use (3,4-dihydroxyphenyl)acetate as a substrate, yielding 4-methylcatechol as a product. The enzyme is a glycyl radical enzyme.

#### Synonyms

p-hydroxyphenylacetate decarboxylase; p-Hpd; 4-Hpd; 4-hydroxyphenylacetate carboxy-lyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.1.83

#### CAS No.

340137-18-0

#### Reaction

(4-hydroxyphenyl)acetate + H<sup>+</sup> = 4-methylphenol + 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.