

## 4-hydroxybenzoate 1-hydroxylase

Cat. No. EXWM-0871

Lot. No. (See product label)

### Introduction

**Description** Requires FAD. The enzyme from *Candida parapsilosis* is specific for 4-hydroxybenzoate derivatives and prefers NADH to NADPH as electron donor.

**Synonyms** 4-hydroxybenzoate 1-monooxygenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.64

**CAS No.** 134214-78-1

**Reaction** 4-hydroxybenzoate + NAD(P)H + 2 H<sup>+</sup> + O<sub>2</sub> = hydroquinone + NAD(P)<sup>+</sup> + H<sub>2</sub>O + 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.