

## 4-hydroxybenzoate 3-monooxygenase

Cat. No. EXWM-0800

Lot. No. (See product label)

### Introduction

**Description** A flavoprotein (FAD). Most enzymes from *Pseudomonas* are highly specific for NADPH (cf. EC 1.14.13.33 4-hydroxybenzoate 3-monooxygenase [NAD(P)H]).

**Synonyms** p-hydroxybenzoate hydrolyase; p-hydroxybenzoate hydroxylase; 4-hydroxybenzoate 3-hydroxylase; 4-hydroxybenzoate monooxygenase; 4-hydroxybenzoic hydroxylase; p-hydroxybenzoate-3-hydroxylase; p-hydroxybenzoic acid hydrolase; p-hydroxybenzoic acid hydroxylase; p-hydroxybenzoic hydroxylase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.2

**CAS No.** 9059-23-8

**Reaction** 4-hydroxybenzoate + NADPH + H<sup>+</sup> + O<sub>2</sub> = protocatechuate + NADP<sup>+</sup> + 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.