

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⁺ + O₂ = protocatechuate + NADP⁺ + H₂O

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.