Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.