Creative Enzymes®

4-hydroxybenzoate-CoA ligase

Cat. No. EXWM-5685

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming carbon-sulfur bonds as acid-thiol ligases. This enzyme participates in benzoate degradation via coa ligation.
Synonyms	4-hydroxybenzoate-CoA synthetase; 4-hydroxybenzoate-coenzyme A ligase (AMP-forming); 4-hydroxybenzoyl coenzyme A synthetase; 4-hydroxybenzoyl-CoA ligase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.2.1.27
CAS No.	119699-80-8
Reaction	ATP + 4-hydroxybenzoate + CoA = AMP + diphosphate + 4-hydroxybenzoyl-CoA
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 ℃.