

## 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**  $\text{ATP} + 4\text{-hydroxybenzoate} + \text{CoA} = \text{AMP} + \text{diphosphate} + 4\text{-hydroxybenzoyl-CoA}$

**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 °C for short term. For long term storage, store it at -20 °C~-80 °C.