

## 3-hydroxybenzoate-CoA ligase

Cat. No. EXWM-5695

Lot. No. (See product label)

### Introduction

#### Description

The enzyme works equally well with 4-hydroxybenzoate but shows low activity towards benzoate, 4-aminobenzoate, 3-aminobenzoate, 3-fluorobenzoate, 4-fluorobenzoate, 3-chlorobenzoate, and 4-chlorobenzoate. There is no activity with 3,4-dihydroxybenzoate, 2,3-dihydroxybenzoate, and 2-hydroxybenzoate as substrates.

#### Synonyms

3-hydroxybenzoyl-CoA synthetase; 3-hydroxybenzoate-coenzyme A ligase (AMP-forming); 3-hydroxybenzoyl coenzyme A synthetase; 3-hydroxybenzoyl-CoA ligase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 6.2.1.37

#### Reaction

ATP + 3-hydroxybenzoate + CoA = AMP + diphosphate + 3-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.