

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 $\text{ATP} + 3\text{-hydroxybenzoate} + \text{CoA} = \text{AMP} + \text{diphosphate} + 3\text{-hydroxybenzoyl-CoA}$

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.