

## 3-amino-5-hydroxybenzoate synthase

Cat. No. EXWM-4985

Lot. No. (See product label)

### Introduction

#### Description

A pyridoxal 5'-phosphate enzyme. The enzyme from the bacterium *Amiclatopsis mediterranei* participates in the pathway for rifamycin B biosynthesis. The enzyme also functions as a transaminase earlier in the pathway, producing UDP- $\alpha$ -D-kanosamine.

#### Synonyms

AHBA synthase; rifK (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.1.144

#### Reaction

5-amino-5-deoxy-3-dehydroshikimate = 3-amino-5-hydroxybenzoate + H<sub>2</sub>O

#### 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.