

## phenylpyruvate C3-methyltransferase

Cat. No. EXWM-1888

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from the bacterium *Streptomyces hygrosopicus* NRRL3085 is involved in synthesis of the nonproteinogenic amino acid (2S,3S)- $\beta$ -methyl-phenylalanine, a building block of the antibiotic mannopeptimycin.

#### Synonyms

phenylpyruvate C $\beta$ -methyltransferase; phenylpyruvate methyltransferase; mppj (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.281

#### Reaction

S-adenosyl-L-methionine + 3-phenylpyruvate = S-adenosyl-L-homocysteine + (3S)-2-oxo-3-phenylbutanoate

#### 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.