

## indole-3-pyruvate monooxygenase

Cat. No. EXWM-0767

Lot. No. (See product label)

### Introduction

#### Description

This plant enzyme, along with EC 2.6.1.99 L-tryptophan-pyruvate aminotransferase, is responsible for the biosynthesis of the plant hormone indole-3-acetate from L-tryptophan.

#### Synonyms

YUC2 (gene name); spi1 (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.168

#### Reaction

(indol-3-yl)pyruvate + NADPH + H<sup>+</sup> + O<sub>2</sub> = (indol-3-yl)acetate + NADP<sup>+</sup> + H<sub>2</sub>O + CO<sub>2</sub>

#### 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.