

## 3-phosphoshikimate 1-carboxyvinyltransferase

Cat. No. EXWM-2755

Lot. No. (See product label)

### Introduction

#### Description

The enzyme belongs to the family of transferases, to be specific those transferring aryl or alkyl groups other than methyl groups.

#### Synonyms

5-enolpyruvylshikimate-3-phosphate synthase; 3-enolpyruvylshikimate 5-phosphate synthase; 3-enolpyruvylshikimate acid-5-phosphate synthetase; 5'-enolpyruvylshikimate-3-phosphate synthase; 5-enolpyruvyl-3-phosphoshikimate synthase; 5-enolpyruvylshikimate-3-phosphate synthetase; 5-enolpyruvylshikimate-3-phosphoric acid synthase; enolpyruvylshikimate phosphate synthase; EPSP synthase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.5.1.19

#### CAS No.

9068-73-9

#### Reaction

phosphoenolpyruvate + 3-phosphoshikimate = phosphate + 5-O-(1-carboxyvinyl)-3-phosphoshikimate

#### 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.