Creative Enzymes®

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-enolpyruvylshikimic 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.