

## (3S)-3-amino-3-(3-chloro-4-hydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] monooxygenase

Cat. No. EXWM-0912

Lot. No. (See product label)

### Introduction

**Description** The enzyme from the bacterium *Streptomyces globisporus* is involved in the biosynthesis of the (S)-3-chloro-5-hydroxy- $\beta$ -tyrosine moiety prior to incorporation into the chromoprotein antitumor antibiotic C-1027.

**Synonyms** SgcC

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.14.15

**Reaction** (3S)-3-amino-3-(3-chloro-4-hydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] + FADH<sub>2</sub> + O<sub>2</sub> = (3S)-3-amino-3-(3-chloro-4,5-dihydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] + FAD + 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.