

## tocopherol O-methyltransferase

Cat. No. EXWM-1995

Lot. No. (See product label)

### Introduction

**Description** The enzymes from plants and photosynthetic bacteria have similar efficiency with the  $\gamma$  and  $\Delta$  isomers of tocopherols and tocotrienols.

**Synonyms**  $\gamma$ -tocopherol methyltransferase; VTE4 (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.1.1.95

**CAS No.** 84788-82-9

**Reaction** (1) S-adenosyl-L-methionine +  $\gamma$ -tocopherol = S-adenosyl-L-homocysteine +  $\alpha$ -tocopherol; (2) S-adenosyl-L-methionine +  $\Delta$ -tocopherol = S-adenosyl-L-homocysteine +  $\beta$ -tocopherol; (3) S-adenosyl-L-methionine +  $\gamma$ -tocotrienol = S-adenosyl-L-homocysteine +  $\alpha$ -tocotrienol; (4) S-adenosyl-L-methionine +  $\Delta$ -tocotrienol = S-adenosyl-L-homocysteine +  $\beta$ -tocotrienol

**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.