

## carminomycin 4-O-methyltransferase

Cat. No. EXWM-1899

Lot. No. (See product label)

### Introduction

**Description** The enzymes from the Gram-positive bacteria *Streptomyces* sp. C5 and *Streptomyces peucetius* are involved in the biosynthesis of the anthracycline daunorubicin. In vitro the enzyme from *Streptomyces* sp. C5 also catalyses the 4-O-methylation of 13-dihydrocarminomycin, rhodomycin D and 10-carboxy-13-deoxycarminomycin.

**Synonyms** DnrK; DauK

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.1.1.292

**Reaction** S-adenosyl-L-methionine + carminomycin = S-adenosyl-L-homocysteine + daunorubicin

**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.