

## type IV protein arginine methyltransferase

Cat. No. EXWM-1930

Lot. No. (See product label)

### Introduction

#### Description

This enzyme, characterized from the yeast *Saccharomyces cerevisiae*, methylates the the  $\Delta$ -nitrogen atom of arginine residues within proteins. Among its substrates are Arg67 of the ribosomal protein L12. cf. EC 2.1.1.319, type I protein arginine methyltransferase, EC 2.1.1.320, type II protein arginine methyltransferase, and EC 2.1.1.321, type III protein arginine methyltransferase.

#### Synonyms

RMT2 (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.322

#### Reaction

S-adenosyl-L-methionine + [protein]-L-arginine = S-adenosyl-L-homocysteine + [protein]-N5-methyl-L-arginine

#### 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.