

## 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.