Creative Enzymes®

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 Δ-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.