Creative Enzymes®

type III protein arginine methyltransferase

Cat. No. EXWM-1929

Lot. No. (See product label)

Introduction

Description	Type III protein arginine methyltransferases catalyse the single methylation of one of the terminal nitrogen atoms of the guanidino group in an L-arginine residue within a protein. Unlike type I and type II protein arginine methyltransferases, which also catalyse this reaction, type III enzymes do not methylate the substrate any further. cf. EC 2.1.1.319, type I protein arginine methyltransferase, EC 2.1.1.320, type II protein arginine methyltransferase, and EC 2.1.1.322, type IV protein arginine methyltransferase.
Synonyms	PRMT7 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.321
Reaction	S-adenosyl-L-methionine + [protein]-L-arginine = S-adenosyl-L-homocysteine + [protein]-Nω-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 ℃.