

protein N-terminal monomethyltransferase

Cat. No. EXWM-1906

Lot. No. (See product label)

Introduction

Description

This enzyme methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys after the initiator L-methionine is cleaved. In contrast to EC 2.1.1.244, protein N-terminal methyltransferase, the protein only adds one methyl group to the N-terminal.

Synonyms

NRMT2 (gene name); METTL11B (gene name); N-terminal monomethylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.299

Reaction

S-adenosyl-L-methionine + N-terminal-(A,P,S)PK-[protein] = S-adenosyl-L-homocysteine + N-terminal-N-methyl-N-(A,P,S)PK-[protein]

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.