

peptide chain release factor N5-glutamine methyltransferase

Cat. No. EXWM-1904

Lot. No. (See product label)

Introduction

Description

Modifies the glutamine residue in the universally conserved glycylglycylglutamine (GGQ) motif of peptide chain release factor, resulting in almost complete loss of release activity.

Synonyms

N5-glutamine S-adenosyl-L-methionine dependent methyltransferase; N5-glutamine MTase; HemK; PrmC

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.297

Reaction

S-adenosyl-L-methionine + [peptide chain release factor 1 or 2]-L-glutamine = S-adenosyl-L-homocysteine + [peptide chain release factor 1 or 2]-N5-methyl-L-glutamine

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.