

27S pre-rRNA (guanosine2922-2'-O)-methyltransferase

Cat. No. EXWM-1764

Lot. No. (See product label)

Introduction

Description

Spb1p is a site-specific 2'-O-ribose RNA methyltransferase that catalyses the formation of 2'-O-methylguanosine2922, a universally conserved position of the catalytic center of the ribosome that is essential for translation. 2'-O-Methylguanosine2922 is formed at a later stage of the processing, during the maturation of the 27S pre-rRNA. In absence of snR52, Spb1p can also catalyse the formation of uridine2921.

Synonyms

Spb1p (gene name); YCL054W (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.167

Reaction

S-adenosyl-L-methionine + guanosine2922 in 27S pre-rRNA = S-adenosyl-L-homocysteine + 2'-O-methylguanosine2922 in 27S pre-rRNA

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.