

rRNA small subunit pseudouridine methyltransferase Nep1

Cat. No. EXWM-1865

Lot. No. (See product label)

Introduction

Description This enzyme, which occurs in both prokaryotes and eukaryotes, recognizes specific pseudouridine residues (ψ) in small subunits of ribosomal RNA based on the local RNA structure. It recognizes ψ 914 in 16S rRNA from the archaeon *Methanocaldococcus jannaschii*, ψ 1191 in yeast 18S rRNA, and ψ 1248 in human 18S rRNA.

Synonyms Nep1; nucleolar essential protein 1

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.1.1.260

Reaction S-adenosyl-L-methionine + pseudouridine1191 in yeast 18S rRNA = S-adenosyl-L-homocysteine + N1-methylpseudouridine1191 in yeast 18S 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.