

ribonuclease III

Cat. No. EXWM-3591

Lot. No. (See product label)

Introduction

Description

This is an endoribonuclease that cleaves double-stranded RNA molecules. The cleavage can be either a single-stranded nick or double-stranded break in the RNA, depending in part upon the degree of base-pairing in the region of the cleavage site. Specificity is conferred by negative determinants, i.e., the presence of certain Watson-Crick base-pairs at specific positions that strongly inhibit cleavage. RNase III is involved in both rRNA processing and mRNA processing and decay.

Synonyms

RNase III; ribonuclease 3

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.26.3

CAS No.

9073-62-5

Reaction

Endonucleolytic cleavage to a 5'-phosphomonoester

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.