

ribonuclease D

Cat. No. EXWM-3540

Lot. No. (See product label)

Introduction

Description

Requires divalent cations for activity (Mg^{2+} , Mn^{2+} or Co^{2+}). Alteration of the 3'-terminal base has no effect on the rate of hydrolysis whereas modification of the 3'-terminal sugar has a major effect. tRNA terminating with a 3'-phosphate is completely inactive. This enzyme can convert a tRNA precursor into a mature tRNA.

Synonyms

RNase D

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.13.5

Reaction

Exonucleolytic cleavage that removes extra residues from the 3'-terminus of tRNA to produce 5'-mononucleotides

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.