Creative Enzymes®

ribonuclease D

Cat. No. EXWM-3540

Lot. No. (See product label)

Introduction

Description	Requires divalent cations for activity (Mg2+, Mn2+ or Co2+). 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.