

Ribonuclease T1, *Aspergillus oryzae*

Cat. No.:	HY-P0229	
CAS No.:	9026-12-4	
Target:	DNA/RNA Synthesis	
Pathway:	Cell Cycle/DNA Damage	Ribonuclease T ₁ , <i>Aspergillus oryzae</i>
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Ribonuclease T1, *Aspergillus oryzae* (Rnase T1), is commonly used in biochemical research. Ribonuclease T1 is an endonuclease that can specifically degrade single stranded RNA. Ribonuclease T1 can form nucleoside 2',3'-cyclic phosphoric acid intermediates to cut the phosphodiester bond between 3'-guanosine residues and adjacent nucleoside 5'-OH groups to produce 3'-GMP terminal oligonucleotides^[1].

REFERENCES

[1]. Heinemann U, et al. Crystallographic study of mechanism of ribonuclease T1-catalysed specific RNA hydrolysis. J Biomol Struct Dyn. 1983 Oct;1(2):523-38.

Caution: Product has not been fully validated for medical applications. For research use only.

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