

Nuclease S1, *Aspergillus oryzae*

Cat. No.:	HY-P2773
CAS No.:	37288-25-8
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Nuclease S1

BIOLOGICAL ACTIVITY

Description

Nuclease S1, *Aspergillus oryzae* is a specific endonuclease that degrades single stranded DNA (ssDNA) and RNA. Nuclease S1 can also remove protruding single-strand ends from double-stranded DNA^{[1][2]}.

REFERENCES

[1]. Demidov V, et al. Sequence selective double strand DNA cleavage by peptide nucleic acid (PNA) targeting using nuclease S1. *Nucleic Acids Res.* 1993 May 11;21(9):2103-7.

[2]. Rushizky GW. S1 nuclease of *Aspergillus oryzae*. *Gene Amplif Anal.* 1981;2:205-15.

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

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