Creative Enzymes®

Exonuclease III

Cat. No. NATZ-080

Lot. No. (See product label)

Introduction

Description	1. Contains DNA 3'-phosphatase: hydrolyzes 3'-terminal phosphate monoesters and can hydrolyze hydrolyzed DNA from the 3'-end. 2. Contains AP endonuclease: cleaves the phosphodiester bond at the purine or pyrimidine site, generating a base-free deoxyribose 5'-phosphate residue at the 5'-end of the residue. 3. Ribonuclease H activity: degrades RNA strands in DNA-RNA hybrid double strands. 4. Digests double-stranded DNA at the gap in the single-stranded interstices. 5. Will not degrade double-stranded DNA, single-stranded DNA, or phosphorothioate-conjugated nucleotides with at least 4 base pair overhangs.

Product Information

Source	E.coli
Form	Liquid
EC Number	EC 3.1.11.2
Purity	≥90%
Buffer	10X Exonuclease III Reaction Buffer

Storage and Shipping Information

Storage	-20℃