

S1 Nuclease

Catalog No.:	Z5040007
Lot No.:	
Source:	<i>Aspergillus oryzae</i> ¹⁾
Size:	50,000 units
Concentration:	160 u/ μ L
Storage Buffer:	10 mM sodium acetate (pH 4.6), 150 mM NaCl, 0.05 mM ZnSO ₄ and 50% glycerol
Unit Definition:	One unit is the amount of enzyme that converts 1 μ g of heat-denatured calf thymus DNA into acid-soluble form at pH 4.6 in 1 minute at 37°C.
Purity:	Exonuclease activity is not detected after incubation of 1 μ g of pBR322 DNA-Pvu II fragments with 10 units of enzyme for 10 minutes at 37°C.
Storage and Handling:	-20°C