



NxGen™ Exonuclease I

Part no. 30262

Supplied at 20,000 U/mL in 10 mM Tris-HCl, 100 mM NaCl, 1.0 mM Dithiothreitol, 0.5 mM EDTA, 50% Glycerol, pH 7.5 @ 25°C.

Exonuclease I Reaction buffer in 1X form is composed of 67 mM Glycine, 6.7 mM MgCl₂, 10 mM β-mercaptoethanol, pH 9.5 @ 25°C.

Source: Purified from a strain of *E. coli* that expresses the recombinant Exonuclease I gene.

Unit Concentration	20,000 U/mL
Purity (SDS-PAGE)	>99%
Endonuclease	200 U <10% converted
<i>E. coli</i> 16S rDNA Contamination	200 U <10 copies
Storage	-20°C

