

Nuclease

Catalog Number	LDG0006RG
Package	25 KU / 250 KU / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Nuclease is a genetically engineered endonuclease from *Serratia marcescens*, it is produced and purified from *E. coli*. The enzyme is a non-specific nuclease, which effectively degrades single-stranded, double-stranded, linear, and circular DNA and RNA over a wide temperature and pH range.

Specifications

Expression System

Escherichia coli

Concentration

250 U/μL

Storage Buffer

Nuclease is supplied in 20 mM Tris-HCl pH 8.0, 150 mM NaCl, 2 mM MgCl₂ and 50% glycerol

Purity

>95% as determined by SDS-PAGE analysis.

Unit Definition

One unit of Nuclease is defined as the amount of enzyme that causes a ΔA₂₆₀ of 1.0 in 30 min, which corresponds to complete digestion of 37 μg of DNA.

Form

Liquid

Instruction

Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

Taipei Office

+886-2-27065528

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for -80°C long-term storage under sterile conditions.

Avoid repeated free-thaw cycles.

Disclaimer : For Research Use or Further Manufacturing Only.

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