

Certificate of analysis

Product Name/Description: NucleoGone™ Endonuclease
Cat. #: 2490A
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 25000 U

Package Contents: 1. NucleoGone™ Endonuclease 100 U/μl 25 KU

Source: Escherichia coli carrying a plasmid that encodes the gene for NucleoGone Endonuclease

Unit Definition: One unit is defined as the amount of enzyme that changes the absorbance at 260 nm by 1.0 in 30 minutes at 37°C, using activated salmon sperm DNA as the substrate.

Quality Control Data:

Activity:
The activity was higher than 100 U/μl and lower than 120 U/μl, measured by the spectrophotometric assay.

Protein purity:
The enzyme was detected as a main band of approximately 27 kDa protein in SDS-PAGE analysis.

Endotoxins:
Endotoxin level was 50 EU/ml or lower, measured by the colorimetric assay.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:

www.takara-bio.co.jp (Japanese)

www.takarabio.com (English)

Licence Statements:

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