

# Certificate of analysis

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<b>Product Name/Description:</b>	S1 Nuclease		
<b>Cat. #:</b>	2410A		
<b>Lot #:</b>	Specified on product label		
<b>Storage Conditions:</b>	-20 degrees C		
<b>Expiration Date:</b>	Specified on product label or package		
<b>Package Size:</b>	20000 U		
<b>Package Contents:</b>	1. S1 Nuclease	180 U/μl	20 kU
	2. 10X S1 Nuclease Buffer		1 ml
<b>Source:</b>	Aspergillus oryzae		
<b>Unit Definition:</b>	One unit of the enzyme is defined as the amount that converts 1 μg of heat-denatured calf thymus DNA into acid-soluble form at pH 4.6 in 1 minute at 37°C.		
<b>Quality Control Data:</b>	Exonuclease contamination test: Exonuclease activity in this product was not detected when 1 μg of pBR322 DNA-Pvu II digest was incubated with 10 units of this enzyme for 10 minutes at 37°C and analyzed by agarose gel electrophoresis.		

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](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

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