

## PRODUCT SPECIFICATION

# NuCLEANase, tech grade

Art. No.: 20804-1

Recombinant *Serratia marcescens* endonuclease produced by microbial fermentation with a *Bacillus* species.

The production strain used in the manufacturing of the product is a Genetically Modified Organism (GMO) of safety level S1. The product is supplied as liquid formulated in potassium phosphate buffer pH 8.0, 50 % (v/v) glycerol.

Parameter	Method	Specification
Activity	c-LEcta SOP-QC-34 <sup>1</sup>	≥ 30 MU/L

<sup>1</sup> Unit definition: One unit (U) will digest salmon sperm DNA to acid-soluble oligonucleotides equivalent to ΔA260nm of 1.0 in 30 min at pH 8.0 at 37 °C.

<b>Storage:</b>	Store at -20°C ± 5°C.
<b>Stability:</b>	Stable within specification range for a period of at least 24 months from the date of product release under proper storage conditions.
<b>BSE / TSE:</b>	The manufacturing process is free of raw materials from animal origin.
<b>GMO-Statement:</b>	The product is free of the production strain.
<b>Antibiotics:</b>	No antibiotics are used in the manufacturing process.