# Active Recombinant Bacillus thermoproteolyticus rokko Thermolysin

**Cat. No.** Thermolysin-006B **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | |
| **Species** | Bacillus thermoproteolyticus rokko |
| **Source** | E.coli |
| **Description** | Thermolysin is a thermostable zinc-dependent metalloprotease produced by Bacillus thermoproteolyticus. |
| **Form** | White lyophilized powder or Liquid |
| **Bio-activity** | 30-175 units/mg protein |
| **Notes** | This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use. |
| **Storage** | 2-8 centigrade: At least 2 years |
| **Unit Definition** | At 37 centigrade and pH 7.5, one unit will hydrolyze casein to produce an amount equivalent to 1.0 µmol (181 µg) of tyrosine per minute (as measured by the Folin–Ciocalteu reagent colorimetric method). |
| **EC No.** | 3.4.24.27 |

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## GENE INFORMATION

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|---|---|
| **Official Symbol** | Thermolysin |
| **Synonyms** | Thermolysin |

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