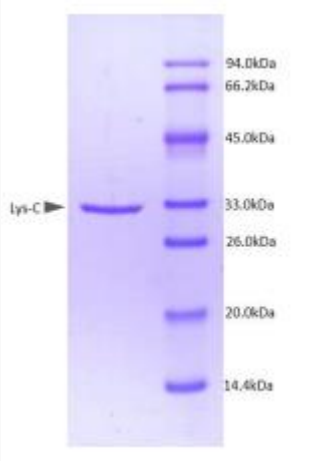
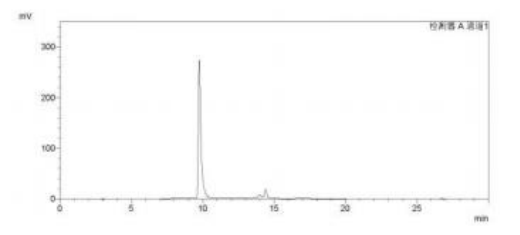
# Active Recombinant Endoproteinase Lys-C

**Cat. No.** ELSC-01 **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Endoproteinase Lys-C was expressed in E. coli. |
| **Source** | E.coli |
| **Description** | This product is a Recombinant Endoproteinase Lys-C, expressed in E. Coli with the similar sequence & proteolytic activity of Lys-C from Achromobacterial proteasel (API). Due to its recombinant form there is no other unwanted serine protease such as Lys-N, Arg-C and only lysine-specific. |
| **Bio-activity** | ≥ 3.0 AU/mg |
| **Purity** | SDS-PAGE: Clear single strap, scan purity more than 95%; relative molecular weight is 31±3.1 KDa.<br>RP-HPLC: the main peak more than 95% |
| **Stability** | It is lyophilized powder and is stable to use for at least 1 year with storage under -20℃ or below. Reconstituted with double distilled water under 2-8℃ its stability can last for 7 days. It is recommended to dilute the designated concentration by 25mol/L Tris-HCl (pH 8.5). Avoid repeated freeze-thaw after being dissolved. |
| **Storage** | Store it at -20℃ or below, seal, dark. |

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| **SDS-PAGE of ELSC-01** |  |
| **HPLC of ELSC-01** |  |

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