

Native Lysobacter enzymogenes Endoproteinase Lys-C

Cat. No. Endoproteinase Lys-C-85L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Endoproteinase Lys-C was purified from Lysobacter enzymogenes.
Species	Lysobacter enzymogenes
Source	Lysobacter Enzymogenes
Description	Endoproteinase Lys-C is a protease that cleaves proteins on the C-terminal side of lysine amino acids. Lys-C activity is optimal in pH range of 7.0 - 9.0.
Form	lyophilized powder
Unit Definition	One unit will hydrolyze 1.0 μ mole of N-p-tosyl-Gly-Pro-Lys p-nitroanilide per min at pH 7.7 at 25 °C.
Applications	Endoproteinase Lys-C from Lysobacter enzymogenes is useful in the determination of primary structures of proteins. It has been used in a study to investigate the evidence for trisulfide bonds in a recombinant variant of a human IgG2 monoclonal antibody. Endoproteinase Lys-C has been used for the digestion monoclonal antibodies for disulfide bond assignment.
Storage	Store at -20°C

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