

## Native Lysobacter enzymogenes Endoproteinase Lys-C

Cat. No. NATE-0220

Lot. No. (See product label)

### Introduction

**Description** Endoproteinase Lys-C inactivates the enzyme inositol monophosphatase by cleaving it at a single site directly after Lys 36.

**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 mon oclonal antibody. Endoproteinase Lys-C has been used for the digestion mon oclonal antibodies for disulfide bond assignment.

**Synonyms** EC 3.4.21.50; chromobacter proteinase I; Achromobacter lyticus alkaline proteinase I; protease I; achromopeptidase; lysyl bond specific proteinase; 72561-05-8; Achromobacter proteinase I; Endoproteinase Lys-C

### Product Information

**Source** Lysobacter enzymogenes

**Form** lyophilized powder

**EC Number** EC 3.4.21.50

**CAS No.** 72561-05-8

**Unit Definition** One unit will hydrolyze 1.0  $\mu$ mole of N-p-tosyl-Gly-Pro-Lys p-nitroanilide per min at pH 7.7 at 25°C.

### Storage and Shipping Information

**Storage** 2-8°C