

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 monoclonal antibody. Endoproteinase Lys-C has been used for the digestion monoclonal 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 μ 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