

Endoglycosidase H from *Streptomyces plicatus*, Recombinant

Cat. No. NATE-0217

Lot. No. (See product label)

Introduction

Description

The enzyme Endoglycosidase H is an enzyme with system name glycopeptide-D-mannosyl-N4-(N-acetyl-D-glucosaminy)2-asparagine 1,4-N-acetyl-beta-glucosaminohydrolase. It is a highly specific endoglycosidase which cleaves asparagine-linked mannose rich oligosaccharides, but not highly processed complex oligosaccharides from glycoproteins. It is used for research purposes to deglycosylate glycoproteins.

Synonyms

EC 3.2.1.96; Endo H; β -N-Acetylglucosaminidase H; N,N'-diacetylchitobiosyl β -N-acetylglucosaminidase; endo- β -N-acetylglucosaminidase; mannosyl-glycoprotein endo- β -N-acetylglucosaminidase; di-N-acetylchitobiosyl β -N-acetylglucosaminidase; endo- β -acetylglucosaminidase; endo- β -(14)-N-acetylglucosaminidase; mannosyl-glycoprotein 1,4-N-acetamidodeoxy- β -D-glycohydrolase; endoglycosidase S; endo-N-acetyl- β -D-glucosaminidase; endo-N-acetyl- β -glucosaminidase; endo- β -N-acetylglucosaminidase D; endo- β -N-acetylglucosaminidase F; endo- β -N-acetylglucosaminidase H; endo- β -N-acetylglucosaminidase L; 37278-88-9

Product Information

Species

Streptomyces plicatus

Source

E. coli

Form

Type I, buffered aqueous solution, Solution in 0.05 M sodium phosphate, pH 7, containing 25 mM EDTA and preservative; Type II, buffered aqueous solution, Solution in 20 mM Tris HCl, pH 7.5, containing 50 mM NaCl, 1 mM EDTA.

EC Number

EC 3.2.1.96

CAS No.

37278-88-9

Unit Definition

One unit will hydrolyze 1.0 μ mole of dabsyl-Asn-(GlcNAc)₂ (Man)₅ per min at pH 5.5 at 37°C.

Storage and Shipping Information

Storage

2-8°C