Creative Enzymes®

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-glucosaminyl)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-acetylglucosamidase; 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 μmole of dabsyl-Asn-(GlcNAc)2 (Man)5 per min at pH 5.5 at 37°C.

Storage and Shipping Information

Storage	2-8°C