

## 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;  $\beta$ -N-Acetylglucosaminidase H; N,N'-diacetylchitobiosyl  $\beta$ -N-acetylglucosaminidase; endo- $\beta$ -N-acetylglucosaminidase; mannosyl-glycoprotein endo- $\beta$ -N-acetylglucosaminidase; di-N-acetylchitobiosyl  $\beta$ -N-acetylglucosaminidase; endo- $\beta$ -acetylglucosaminidase; endo- $\beta$ -(14)-N-acetylglucosaminidase; mannosyl-glycoprotein 1,4-N-acetamidodeoxy- $\beta$ -D-glycohydrolase; endoglycosidase S; endo-N-acetyl- $\beta$ -D-glucosaminidase; endo-N-acetyl- $\beta$ -glucosaminidase; endo- $\beta$ -N-acetylglucosaminidase D; endo- $\beta$ -N-acetylglucosaminidase F; endo- $\beta$ -N-acetylglucosaminidase H; endo- $\beta$ -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  $\mu$ mole of dabsyl-Asn-(GlcNAc)<sub>2</sub> (Man)<sub>5</sub> per min at pH 5.5 at 37°C.

### Storage and Shipping Information

**Storage** 2-8°C