

Native Almonds Glycopeptidase A

Cat. No. NATE-0600

Lot. No. (See product label)

Introduction

Description

In enzymology, a peptide-N4-(N-acetyl-beta-glucosaminy)asparagine amidase (EC 3.5.1.52) is an enzyme that catalyzes a chemical reaction that cleaves a N4-(acetyl-beta-D-glucosaminy)asparagine residue in which the glucosamine residue may be further glycosylated, to yield a (substituted) N-acetyl-beta-D-glucosaminyamine and a peptide containing an aspartate residue. This enzyme belongs to the family of hydrolases, specifically those acting on carbon-nitrogen bonds other than peptide bonds in linear amides.

Synonyms

EC 3.5.1.52; glycopeptide N-glycosidase; glycopeptidase; N-oligosaccharide glycopeptidase; N-glycanase; glycopeptidase; Jack-bean glycopeptidase; PNGase A; PNGase F; glycopeptide N-glycosidase; 83534-39-8; peptide-N4-(N-acetyl-β-glucosaminy)asparagine amidase

Product Information

Source

Almonds

Form

buffered aqueous glycerol solution; Solution in 50% glycerol containing 50 mM Citrate-phosphate buffer, pH 5.0, and BSA.

EC Number

EC 3.5.1.52

CAS No.

83534-39-8

Activity

> 0.05 unit/mL

Concentration

> 0.05 unit/mL

Unit Definition

One unit will hydrolyze 1.0 μmole of ovalbumin glycopeptide per min at pH 5.0 at 37°C.

Storage and Shipping Information

Storage

–20°C