

## Native Almonds Glycopeptidase A

Cat. No. NATE-0600

Lot. No. (See product label)

### Introduction

**Description** In enzymology, a peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase (EC 3.5.1.52) is an enzyme that catalyzes a chemical reaction that cleaves a N4-(acetyl-beta-D-glucosaminyl)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-glucosaminyl)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