

PNGase A from *Oryza sativa* (rice), Recombinant

Cat. No. NATE-1941

Lot. No. (See product label)

Introduction

Description

PNGase A cleaves N-linked glycans from high mannose, hybrid, and short complex oligosaccharides such as those found in plant and insect cells. PNGase A differs from PNGase F in that it cleaves N-linked glycans with or without $\alpha(1,3)$ -linked core fucose residues. PNGase A is a recombinant amidase, which cleaves between the innermost GlcNAc and asparagine residues of high mannose, hybrid, and short complex oligosaccharides such as those found in plant and insect cells from N-linked glycoproteins and glycopeptides. PNGase A differs from PNGase F in that it cleaves N-linked glycans with or without $\alpha(1,3)$ -linked core fucose residues.

Synonyms

N-Glycosidase A; PNGase A; Glycopeptidase A; N-linked-glycopeptide-(N-acetyl- β -D-glucosaminy)-L-asparagine amidohydrolase; PNGase

Product Information

Species Oryza sativa (rice)

Source Pichia pastoris

Form Storage Conditions: 50 mM NaCl, 20 mM Tris-HCl, 5 mM EDTA, (pH 7.5 @ 25°C)

EC Number EC 3.5.1.52

Molecular Weight 63.8 kDa

Purity > 95% pure as determined by SDS-PAGE

Activity 5,000 units/ml

Unit Definition One unit is defined as the amount of enzyme required to remove > 95% of the carbohydrate from 1 μ g of denatured recombinant Avidin produced in Maize in 1 hour at 37°C in a total reaction volume of 10 μ l.

Storage and Shipping Information

Storage 4°C