Creative Enzymes®

peptide-N4-(N-acetyl-β-glucosaminyl)asparagine amidase

Cat. No. EXWM-4441

Lot. No. (See product label)

Introduction

Description	Does not act on (GlcNAc)Asn, because it requires the presence of more than two amino-acid residues in the substrate [cf. EC 3.5.1.26, N4-(β-N-acetylglucosaminyl)-L-asparaginase]. The plant enzyme was previously erroneously listed as EC 3.2.2.18.
Synonyms	glycopeptide N-glycosidase; glycopeptidase; N-oligosaccharide glycopeptidase; N-glycanase; Jack-bean glycopeptidase; PNGase A; PNGase F

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.52
CAS No.	83534-39-8
Reaction	Hydrolysis of an N4-(acetyl-β-D-glucosaminyl)asparagine residue in which the glucosamine residue may be further glycosylated, to yield a (substituted) N-acetyl-β-D-glucosaminylamine and a peptide containing an aspartate residue
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.