Creative Enzymes®

mannosylglycoprotein endo-β-mannosidase

Cat. No. EXWM-3835

Lot. No. (See product label)

Introduction

Description	The substrate group is a substituent on N-4 of an asparagine residue in the glycoprotein. The mannose residue at the non-reducing end of the sequence may carry further α-D-mannosyl groups on O-3 or O-6, but such a substituent on O-3 of the β-D-mannosyl group prevents the action of the enzyme. The enzyme was obtained from the lily, Lilium longiflorum.
Synonyms	endo-β-mannosidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.152
CAS No.	141176-95-6
Reaction	Hydrolysis of the α-D-mannosyl-(1→6)-β-D-mannosyl-(1→4)-N-acetyl-β-D-glucosaminyl-(1→4)-N-acetyl-β-D-glucosaminyl sequence of glycoprotein to α-D-mannosyl-(1→6)-D-mannose and N-acetyl-β-D-glucosaminyl-(1→4)-N-acetyl-β-D-glucosaminyl sequences
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 ℃.