

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 \rightarrow 6)- β -D-mannosyl-(1 \rightarrow 4)-N-acetyl- β -D-glucosaminyl-(1 \rightarrow 4)-N-acetyl- β -D-glucosaminyl sequence of glycoprotein to α -D-mannosyl-(1 \rightarrow 6)-D-mannose and N-acetyl- β -D-glucosaminyl-(1 \rightarrow 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.