

xyloglucan-specific exo- β -1,4-glucanase

Cat. No. EXWM-3838

Lot. No. (See product label)

Introduction

Description The enzyme removes XXXG heptasaccharides, XLG/XLXG octasaccharides and XLLG nonasaccharides from the end of tamarind seed xyloglucan polymers in a processive manner. Hydrolysis occurs at the unsubstituted D-glucopyranose residue in the main backbone. It is not known whether the cleavage takes place at the reducing or non-reducing end of the polymer. Very low activity with β -D-glucans. The enzyme from *Chrysosporium lucknowense* shifts to an endoglucanase mode when acting on linear substrates without bulky substituents on the polymeric backbone such as barley β -glucan.

Synonyms Cel74A

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.2.1.155

CAS No. 1000598-79-7

Reaction Hydrolysis of (1 \rightarrow 4)-D-glucosidic linkages in xyloglucans so as to successively remove oligosaccharides from the chain end.

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.