Creative Enzymes®

pectin lyase

Cat. No. EXWM-5085

Lot. No. (See product label)

Introduction

Description	Favours pectin, the methyl ester, over pectate, the anion (which is the preferred substrate of EC 4.2.2.2, pectate lyase). Demethylation progressively slows its action; it can nevertheless cleave on either side of a demethylated residue if the residue at the other end of the scissile bond is methylated.
Synonyms	pectin trans-eliminase; endo-pectin lyase; polymethylgalacturonic transeliminase; pectin methyltranseliminase; pectolyase; PL; PNL; PMGL

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.2.10
CAS No.	9033-35-6
Reaction	Eliminative cleavage of (1→4)-α-D-galacturonan methyl ester to give oligosaccharides with 4-deoxy-6-O-methyl-α-D-galact-4-enuronosyl groups at their non-reducing ends
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 ℃.