

Pectin lyase 1A from Pseudomonas marginalis, Recombinant

Cat. No. NATE-1924

Lot. No. (See product label)

Introduction

Description Pectin lyase 1A is an enzyme that acts on 1,4- α -D-galacturonan methyl ester from Pseudomonas marginalis. Recombinant PmPly1A (PL1), purified from Escherichia coli, is a single domain family 1 Pectate Lyase (PL1).

Synonyms pectin trans-eliminase; endo-pectin lyase; polymethylgalacturonic transeliminase; pectin methyltranseliminase; pectolyase; PL; PNL; PMGL; PmPly1A; PL1

Product Information

Species Pseudomonas marginalis

Source E. coli

Formulation 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol.

EC Number EC 4.2.2.10

CAS No. 9033-35-6

Molecular Weight 38.72 kDa

Purity >90% as judged by SDS-PAGE

Concentration 0.5 mg/mL

Optimum pH 6.6

Optimum temperature 30 – 37°C

Storage and Shipping Information

Storage at -20°C