

Pectin methylesterase from Dickeya dadantii, Recombinant

Cat. No. NATE-1544

Lot. No. (See product label)

Introduction

Description

Pectinesterase catalyzes the hydrolysis of the methyl esters of pectin to yield pectate and methanol.

Synonyms

Pectinesterase; EC 3.1.1.11; pectin demethoxylase; pectin methoxylase; pectin methylesterase; pectase; pectin methyl esterase; pectinoesterase; pectin pectylhydrolase; 9025-98-3

Product Information

Species

Dickeya dadantii

Source

E. coli

Form

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 3.1.1.11

CAS No.

9025-98-3

Molecular Weight

39.0 kDa

Purity

>90% as judged by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

8.0-9.0

Optimum temperature

50 °C

Specificity

Methylated pectins

Storage and Shipping Information

Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.