

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.