

Pullulanase 13A from *Thermotoga maritima*, Recombinant

Cat. No. NATE-1448

Lot. No. (See product label)

Introduction

Description

Pullulanase is a lipoprotein generated as a precursor containing a 19-amino acid signal peptide followed by a palmitate-modified cysteine residue. The signal peptide gets cleaved prior to secretion into the extracellular matrix.

Synonyms

Pullulanase; EC 3.2.1.41; limit dextrinase (erroneous); amylopectin 6-glucanohydrolase; bacterial debranching enzyme; debranching enzyme; α -dextrin endo-1,6- α -glucosidase; R-enzyme; pullulan α -1,6-glucanohydrolase; 9075-68-7; Pullulanase M2

Product Information

Species

Thermotoga maritima

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 3.2.1.41

CAS No.

9075-68-7

Molecular Weight

59.2 kDa

Purity

>90% by SDS-PAGE

Concentration

0.25 mg/mL

Optimum pH

5.9

Optimum temperature

90 °C

Specificity

Pullulan

Storage and Shipping Information

Storage

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