

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	<i>Thermotoga maritima</i>
Source	<i>E. coli</i>
Form	35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl ₂ , 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.