Creative Enzymes®

Amylomaltase 13A from Thermotoga neapolitana, Recombinant

Cat. No. NATE-1299

Lot. No. (See product label)

Introduction

Description	Amylomaltase (4-α-glucanotransferase; EC 2.4.1.25) catalyzes glucan transfer from one α-1,4-glucan to another α-1,4-glucan or to glucose.
Synonyms	EC 2.4.1.25; Amylomaltase; 4-alpha-glucanotransferase; disproportionating enzyme; dextrin glycosyltransferase; D-enzyme; debranching enzyme maltodextrin glycosyltransferase; dextrin transglycosylase; 1,4-alpha-D-glucan:1,4-alpha-D-glucan 4-alpha-D-glycosyltransferase

Product Information

Species	Thermotoga neapolitana
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 2.4.1.25
CAS No.	9032-09-1
Molecular Weight	54.0 kDa
Purity	>90% by SDS-PAGE
Concentration	1 mg/mL
Optimum pH	7
Optimum temperature	65 °C
Specificity	1,4-α-glycoside bonds in oligomeric and polymeric 1,4-α-glucans

Storage and Shipping Information

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