

Amylomaltase 13A from Thermotoga maritima, Recombinant

Cat. No. NATE-1305

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 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 2.4.1.25

CAS No. 9032-09-1

Molecular Weight 53.9 kDa

Purity >90% by SDS-PAGE

Concentration 0.25 mg/mL

Optimum pH 7-8

Optimum temperature 70 °C

Specificity Soluble starch, amylopectin and amylose

Storage and Shipping Information

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