

1,4- α -glucan branching enzyme

Cat. No. EXWM-2405

Lot. No. (See product label)

Introduction

Description Converts amylose into amylopectin. The accepted name requires a qualification depending on the product, glycogen or amylopectin, e.g. glycogen branching enzyme, amylopectin branching enzyme. The latter has frequently been termed Q-enzyme.

Synonyms branching enzyme; amylo-(1,4 \rightarrow 1,6)-transglycosylase; Q-enzyme; α -glucan-branching glycosyltransferase; amylose isomerase; enzymatic branching factor; branching glycosyltransferase; enzyme Q; glucosan transglycosylase; glycogen branching enzyme; plant branching enzyme; α -1,4-glucan: α -1,4-glucan-6-glycosyltransferase; starch branching enzyme; 1,4- α -D-glucan:1,4- α -D-glucan 6- α -D-(1,4- α -D-glucano)-transferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.18

CAS No. 9001-97-2

Reaction Transfers a segment of a (1 \rightarrow 4)- α -D-glucan chain to a primary hydroxy group in a similar glucan chain

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.