

glucan 1,4- α -glucosidase

Cat. No. EXWM-3893

Lot. No. (See product label)

Introduction

Description Most forms of the enzyme can rapidly hydrolyse 1,6- α -D-glucosidic bonds when the next bond in the sequence is 1,4, and some preparations of this enzyme hydrolyse 1,6- and 1,3- α -D-glucosidic bonds in other polysaccharides. This entry covers all such enzymes acting on polysaccharides more rapidly than on oligosaccharides. EC 3.2.1.20 α -glucosidase, from mammalian intestine, can catalyse similar reactions.

Synonyms glucoamylase; amyloglucosidase; γ -amylase; lysosomal α -glucosidase; acid maltase; exo-1,4- α -glucosidase; glucose amylase; γ -1,4-glucan glucohydrolase; acid maltase; 1,4- α -D-glucan glucohydrolase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.2.1.3

CAS No. 9032-08-0

Reaction Hydrolysis of terminal (1 \rightarrow 4)-linked α -D-glucose residues successively from non-reducing ends of the chains with release of β -D-glucose

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.