

galactan endo-1,6- β -galactosidase

Cat. No. EXWM-3846

Lot. No. (See product label)

Introduction

Description The enzyme specifically hydrolyses 1,6- β -D-galactooligosaccharides with a degree of polymerization (DP) higher than 3, and their acidic derivatives with 4-O-methylglucosyluronate or glucosyluronate groups at the non-reducing terminals. 1,3- β -D- and 1,4- β -D-galactosyl residues cannot act as substrates. The enzyme can also hydrolyse α -L-arabinofuranosidase-treated arabinogalactan protein (AGP) extracted from radish roots. AGPs are thought to be involved in many physiological events, such as cell division, cell expansion and cell death.

Synonyms endo-1,6- β -galactanase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.2.1.164

Reaction Endohydrolysis of (1 \rightarrow 6)- β -D-galactosidic linkages in arabinogalactan proteins and (1 \rightarrow 3):(1 \rightarrow 6)- β -galactans to yield galactose and (1 \rightarrow 6)- β -galactobiose as the final products

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.