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→6)-β-D-galactosidic linkages in arabinogalactan proteins and(1→3): (1→6)-β-galactans to yield galactose and (1→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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.