

arabinogalactan endo- β -1,4-galactanase

Cat. No. EXWM-3953

Lot. No. (See product label)

Introduction

Description

This enzyme, isolated from the bacterium *Bacillus subtilis*, hydrolyses the β (1 \rightarrow 4) bonds found in type I plant arabinogalactans, which are a component of the primary cell walls of dicots. The predominant product is a tetrasaccharide. cf. EC 3.2.1.181, galactan endo- β -1,3-galactanase.

Synonyms

endo-1,4- β -galactanase; galactanase (ambiguous); arabinogalactanase; ganB (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.1.89

CAS No.

58182-40-4

Reaction

The enzyme specifically hydrolyses (1 \rightarrow 4)- β -D-galactosidic linkages in type I arabinogalactans.

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.