

## galactan endo- $\beta$ -1,3-galactanase

Cat. No. EXWM-3865

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from the fungus *Flammulina velutipes* (winter mushroom) hydrolyses the  $\beta(1\rightarrow3)$  bonds found in type II plant arabinogalactans, which occur in cell walls of dicots and cereals. The enzyme is an endohydrolase, and requires at least 3 contiguous  $\beta$ -1,3-residues. cf. EC 3.2.1.89, arabinogalactan endo- $\beta$ -1,4-galactanase and EC 3.2.1.145, galactan 1,3- $\beta$ -galactosidase.

#### Synonyms

endo- $\beta$ -1,3-galactanase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.181

#### Reaction

The enzyme specifically hydrolyses  $\beta$ -1,3-galactan and  $\beta$ -1,3-galactooligosaccharides

#### 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.