

## arabinogalactan endo- $\beta$ -1,4-galactanase

Cat. No. EXWM-3953

Lot. No. (See product label)

### Introduction

**Description** This enzyme, isolated from the bacterium *Bacillus subtilis*, hydrolyses the  $\beta(1\rightarrow4)$  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- $\beta$ -1,3-galactanase.

**Synonyms** endo-1,4- $\beta$ -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  $(1\rightarrow4)$ - $\beta$ -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.