

## galactan endo-1,6- $\beta$ -galactosidase

Cat. No. EXWM-3846

Lot. No. (See product label)

### Introduction

**Description** The enzyme specifically hydrolyses 1,6- $\beta$ -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- $\beta$ -D- and 1,4- $\beta$ -D-galactosyl residues cannot act as substrates. The enzyme can also hydrolyse  $\alpha$ -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- $\beta$ -galactanase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.164

**Reaction** Endohydrolysis of (1 $\rightarrow$ 6)- $\beta$ -D-galactosidic linkages in arabinogalactan proteins and (1 $\rightarrow$ 3):(1 $\rightarrow$ 6)- $\beta$ -galactans to yield galactose and (1 $\rightarrow$ 6)- $\beta$ -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.