

## galactosylgalactosylglucosylceramidase

Cat. No. EXWM-3910

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of hydrolases, specifically those glycosidases that hydrolyse O- and S-glycosyl compounds.

**Synonyms** trihexosyl ceramide galactosidase; ceramide trihexosidase; ceramidetrihexoside  $\alpha$ -galactosidase; trihexosylceramide  $\alpha$ -galactosidase; ceramidetrihexosidase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.47

**CAS No.** 9023-01-2

**Reaction**  $\alpha$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide + H<sub>2</sub>O = D-galactose +  $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide

**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.