

## Lactosylceramide 4- $\alpha$ -galactosyltransferase

Cat. No. EXWM-2457

Lot. No. (See product label)

### Introduction

**Description** For explanation of superscript II in systematic name, see 2-carb.37.

**Synonyms** Gal $\beta$ 1-4Glc $\beta$ 1-Cer  $\alpha$ 1,4-galactosyltransferase; globotriaosylceramide/CD77 synthase; histo-blood group Pk UDP-galactose; UDP-galactose:lactosylceramide 4II- $\alpha$ -D-galactosyltransferase; UDP-galactose: $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)-D-glucosyl(1 $\leftrightarrow$ 1)ceramide 4II- $\alpha$ -D-galactosyltransferase; UDP-galactose: $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)-D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide 4II- $\alpha$ -D-galactosyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.228

**CAS No.** 52725-57-2

**Reaction** UDP- $\alpha$ -D-galactose +  $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide = UDP +  $\alpha$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -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.