

## galactosyl-N-acetylglucosaminylgalactosylglucosyl-ceramide $\beta$ -1,6-N-acetylglucosaminyltransferase

Cat. No. EXWM-2389

Lot. No. (See product label)

### Introduction

#### Description

Requires Mn<sup>2+</sup>.

#### Synonyms

uridine diphosphoacetylglucosamine-acetylglucosaminide  $\beta$ 1 $\rightarrow$ 6-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:D-galactosyl-1,4-N-acetyl- $\beta$ -D-glucosaminyl-1,3- $\beta$ -D-galactosyl-1,4- $\beta$ -D-glucosylceramide  $\beta$ -1,6-N-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:D-galactosyl-(1 $\rightarrow$ 4)-N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ 3)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl(1 $\leftrightarrow$ 1)ceramide 6- $\beta$ -N-acetylglucosaminyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.164

#### CAS No.

85638-40-0

#### Reaction

UDP-N-acetyl-D-glucosamine + D-galactosyl-(1 $\rightarrow$ 4)-N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ 3)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide = UDP + N-acetyl-D-glucosaminyl-(1 $\rightarrow$ 6)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)-N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ 3)- $\beta$ -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.