

## lactosylceramide $\alpha$ -2,3-sialyltransferase

Cat. No. EXWM-2713

Lot. No. (See product label)

### Introduction

**Description** Lactose cannot act as acceptor.

**Synonyms** cytidine monophosphoacetylneuraminate-lactosylceramide  $\alpha$ 2,3- sialyltransferase; CMP-acetylneuraminate-lactosylceramide-sialyltransferase; CMP-acetylneuraminic acid:lactosylceramide sialyltransferase; CMP-sialic acid:lactosylceramide-sialyltransferase; cytidine monophosphoacetylneuraminate-lactosylceramide sialyltransferase; ganglioside GM3 synthetase; GM3 synthase; GM3 synthetase; SAT 1; CMP-N-acetylneuraminate:lactosylceramide  $\alpha$ -2,3-N-acetylneuraminytransferase; CMP-N-acetylneuraminate: $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl(1 $\leftrightarrow$ 1)ceramide  $\alpha$ -(2 $\rightarrow$ 3)-N-acetylneuraminytransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.99.9

**CAS No.** 125752-90-1

**Reaction** CMP-N-acetylneuraminate +  $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide = CMP +  $\alpha$ -N-acetylneuraminy-(2 $\rightarrow$ 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.