

## N-acetyllactosaminide $\beta$ -1,3-N-acetylglucosaminyltransferase

Cat. No. EXWM-2375

Lot. No. (See product label)

### Introduction

**Description** Acts on  $\beta$ -galactosyl-1,4-N-acetylglucosaminyl termini on asialo- $\alpha$ 1-acid glycoprotein and other glycoproteins and oligosaccharides.

**Synonyms** uridine diphosphoacetylglucosamine-acetyllactosaminide  $\beta$ 1 $\rightarrow$ 3-acetylglucosaminyltransferase; poly-N-acetyllactosamine extension enzyme; Gal $\beta$ 1 $\rightarrow$ 4GlcNAc-R  $\beta$ 1 $\rightarrow$ 3 N-acetylglucosaminyltransferase; UDP-GlcNAc:GalR,  $\beta$ -D-3-N-acetylglucosaminyltransferase; N-acetyllactosamine  $\beta$ (1-3)N-acetylglucosaminyltransferase; UDP-GlcNAc:Gal $\beta$ 1 $\rightarrow$ 4GlcNAc $\beta$ -R $\beta$ 1 $\rightarrow$ 3-N-acetylglucosaminyltransferase; GnTE; UDP-N-acetyl-D-glucosamine: $\beta$ -D-galactosyl-1,4-N-acetyl-D-glucosamine  $\beta$ -1,3-acetyl-D-glucosaminyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.149

**CAS No.** 85638-39-7

**Reaction** UDP-N-acetyl-D-glucosamine +  $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)-N-acetyl-D-glucosaminyl-R = UDP + N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ 3)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)-N-acetyl-D-glucosaminyl-R

**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.