

## N-acetyllactosamine synthase

Cat. No. EXWM-2630

Lot. No. (See product label)

### Introduction

#### Description

The reaction is catalysed by a component of EC 2.4.1.22 (lactose synthase), which is identical with EC 2.4.1.38 (β-N-acetylglucosaminyl-glycopeptide β-1,4-galactosyltransferase), and by an enzyme from the Golgi apparatus of animal tissues. Formerly listed also as EC 2.4.1.98.

#### Synonyms

UDP-galactose-N-acetylglucosamine β-D-galactosyltransferase; uridine diphosphogalactose-acetylglucosamine galactosyltransferase; β-1,4-galactosyltransferase; acetyllactosamine synthetase; lactosamine synthase; lactosamine synthetase; lactose synthetase A protein; N-acetyllactosamine synthetase; UDP-galactose N-acetylglucosamine β-4-galactosyltransferase; UDP-galactose-acetylglucosamine galactosyltransferase; UDP-galactose-N-acetylglucosamine β-1,4-galactosyltransferase; UDP-galactose-N-acetylglucosamine galactosyltransferase; β1-4-galactosyltransferase; UDP-Gal:N-acetylglucosamine β1-4-galactosyltransferase; β1-4GalT; NAL synthetase; UDP-β-1,4-galactosyltransferase; Gal-T; UDP-galactose:N-acetylglucosaminide β1-4-galactosyltransferase; UDPgalactose:N-acetylglucosaminyl(β1-4)galactosyltransferase; β-N-acetylglucosaminide β1-4-galactosyltransferase; UDP-galactose:N-acetyl-D-glucosamine 4-β-D-galactosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.90

#### CAS No.

9054-94-8

#### Reaction

UDP-α-D-galactose + N-acetyl-D-glucosamine = UDP + N-acetyllactosamine

#### 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.