

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; β 1-4-galactosyltransferase; UDP-Gal:N-acetylglucosamine β 1-4-galactosyltransferase; β 1-4GalT; NAL synthetase; UDP- β -1,4-galactosyltransferase; Gal-T; UDP-galactose:N-acetylglucosaminide β 1-4-galactosyltransferase; UDPgalactose:N-acetylglucosaminyl(β 1-4)galactosyltransferase; β -N-acetylglucosaminide β 1-4-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.