

β -1,3-N-Acetyl-Hexosaminyl-transferase from *Neisseria meningitides*, Recombinant

Cat. No. NATE-1489

Lot. No. (See product label)

Introduction

Description

In enzymology, a β -1,3-N-Acetyl-Hexosaminyl-transferase is an enzyme that catalyzes the chemical reaction: UDP-N-acetyl-D-glucosamine + β -D-galactosyl-(1 \rightarrow 4)-N-acetyl-D-glucosaminyl-R = UDP + N-acetyl- β -D-glucosaminyl-(1 \rightarrow 6)- β -D-galactosyl-(1 \rightarrow 4)-N-acetyl-D-glucosaminyl-R.

Synonyms

N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-acetylactosaminide β 1 \rightarrow 6-acetylglucosaminyltransferase; Gal β 1 \rightarrow 4GlcNAc-R β 1 \rightarrow 6 N-acetylglucosaminyltransferase; UDP-GlcNAc:Gal-R, β -D-6-N-acetylglucosaminyltransferase; β 1,3 HexNAc transferase; LgtA; EC 2.4.1.150

Product Information

Species

Neisseria meningitides

Source

E. coli

EC Number

EC 2.4.1.150

CAS No.

85638-40-0

Purity

min 95% by SDS-PAGE

Unit Definition

One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Gal β 1,3Lac-NAc from UDP-GlcNAc and LacNAc per min at 37°C.