Creative Enzymes®

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→4)-N-acetyl-D-glucosaminyl-R = UDP + N-acetyl-β-D-glucosaminyl-(1→6)-β-D-galactosyl-(1→4)-N-acetyl-D-glucosaminyl-R.

Synonyms N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-acetyllactosaminide β1→6-acetylglucosaminyltransferase; Galβ1→4GlcNAc-R β1→6 N-acetylglucosaminyltransferase; UDP-GlcNAc:Gal-R, β-D-6-N-acetylglucosaminyltransferase; β1,3 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 μmol of Galβ1,3Lac-NAc from UDP-GlcNAc and LacNAc per min at 37°C.