

Beta1, 3-N-Acetylglucosaminyltransferase (HpB3GlcNAcT)

Product Information

Cat#	DIA-661
Descriptions	Beta1, 3-N-acetylglucosaminyltransferase (HpB3GlcNAcT) from Helicobacter pylori mediates β -1,3 N-acetylglucosamine addition to galactose-terminated glycan chains, participates in bacterial surface glycan modification, and supports the synthesis of extended lactosamine structures.
Applications	Beta1, 3-N-acetylglucosaminyltransferase (HpB3GlcNAcT) is used for extended lactosamine structure detection kits and bacterial surface glycan modification assay reagent development.
CAS No.	124-1-56
Enzyme Commission Number	EC 2.4.1.56
Enzyme Source	Helicobacter pylori
Reaction	UDP-GlcNAc+GalBeta4GlcNAc = GlcNAcBeta3GalBeta4GlcNAc+UDP
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the transfer of 1 Mumol gal from UDP-GlcNAc to GalBeta4GlcNAc per minute at 37°C.