

Polypeptide N-Acetylgalactosaminyltransferase 2 (GALNT2)

Product Information

Cat#	DIA-799
Descriptions	Polypeptide N-acetylgalactosaminyltransferase 2 (GALNT2) is ubiquitously expressed in various tissues, preferentially glycosylates substrates with specific peptide motifs, and regulates the function of circulating lipoproteins and growth factor receptors.
Applications	Polypeptide N-acetylgalactosaminyltransferase 2 (GALNT2) serves as a core tool for lipoprotein glycosylation detection kits and circulating glycoprotein assay reagent development.
Enzyme Commission Number	EC 2.4.1.41
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human GALNT2 protein.
Reaction	L-seryl-[protein] + UDP-N-acetyl-alpha-D-galactosamine = 3-O-[N-acetyl-alpha-D-galactosaminyl]-L-seryl-[protein] + H ⁺ + UDP
Activity Definition	Measured by its ability to transfer GalNAc from UDP-GalNAc to peptide EA2 .