

Polypeptide N-Acetylgalactosaminyltransferase 7 (GALNT7)

Product Information

Cat#	DIA-802
Descriptions	Polypeptide N-acetylgalactosaminyltransferase 7 (GALNT7) is mainly expressed in immune cells and epithelial tissues, modulates O-glycosylation of immune-related glycoproteins, and regulates lymphocyte activation and immune response processes.
Applications	Polypeptide N-acetylgalactosaminyltransferase 7 (GALNT7) is used for immune cell glycosylation detection kits and lymphocyte activation assay reagent development.
Enzyme Commission Number	EC 2.4.1.41
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human Polypeptide Gal Nac Trans.
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 MUC5AC-3/13 .