

Polypeptide N-Acetylgalactosaminyltransferase 16 (GALNTL1)

Product Information

Cat#	DIA-798
Descriptions	Polypeptide N-acetylgalactosaminyltransferase 16 (GALNTL1) is a homologous member of the GALNT family with distinct tissue distribution, catalyzes O-GalNAc modification of selective polypeptide substrates, and participates in tissue-specific glycosylation regulatory processes.
Applications	Polypeptide N-acetylgalactosaminyltransferase 16 (GALNTL1) is used for tissue-specific O-glycosylation detection kits and glycoprotein modification assay reagent development.
CAS No.	24-01-4119
Enzyme Commission Number	EC 2.4.1.41
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human GALNTL1 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.