

Polypeptide N-Acetylgalactosaminyltransferase 14 (GALNT14)

Product Information

Cat#	DIA-797
Descriptions	Polypeptide N-acetylgalactosaminyltransferase 14 (GALNT14) modulates O-glycosylation of cell surface adhesion molecules, affects tumor cell migration and invasion capacity, and is recognized as a potential biomarker for certain cancer types.
Applications	Polypeptide N-acetylgalactosaminyltransferase 14 (GALNT14) is applied in tumor metastasis associated glycosylation detection kits and cancer biomarker assay reagent development.
Enzyme Commission Number	EC 2.4.1.41
Enzyme Source	CHO-derived
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 .