

Beta-1, 4-Galactosyltransferase 2 (B4GALT2)

Product Information

Cat#	DIA-643
Descriptions	Beta-1, 4-Galactosyltransferase 2 (B4GALT2) displays distinct tissue-specific expression and substrate preference, mediates β -1,4 galactosylation of glycoprotein and glycolipid acceptors, and is used for studying tissue-specific glycosylation patterns and functional glycan synthesis.
Applications	Beta-1, 4-Galactosyltransferase 2 (B4GALT2) is used for tissue-specific glycosylation pattern detection kits and functional glycan synthesis assay reagent development.
CAS No.	24-01-2204
Enzyme Commission Number	EC 2.4.1.22
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human beta-1,4-Galactosyltran.
Reaction	D-glucose + UDP-alpha-D-galactose = H ⁺ + lactose + UDP
Activity Definition	Measured by its ability to transfer galactose from UDP-galactose to glucose.