

Fucosyltransferase 6 (FUT6)

Product Information

Cat#	DIA-709
Descriptions	Fucosyltransferase 6 (FUT6) mainly catalyzes α -1,3 fucosylation of plasma glycoproteins, participates in the synthesis of sialyl Lewis x antigens, and is closely associated with tumor metastasis and inflammatory cell recruitment research.
Applications	Fucosyltransferase 6 (FUT6) is used for plasma glycoprotein fucosylation detection kits and tumor metastasis related assay reagent development.
CAS No.	24-1-15221
Enzyme Commission Number	EC 2.4.1.152
Reaction	a beta-D-galactosyl- (1->4)-N-acetyl-beta-D-glucosaminy derivative + GDP-beta-L-fucose = a beta-D-galactosyl- (1->4)-[alpha-L-fucosyl- (1->3)]-N-acetyl-beta-D-glucosaminy derivative + GDP + H ⁺
Activity Definition	Measured by its ability to transfer fucose from GDP-fucose to fetal bovine fetuin.