

Fucosyltransferase 7 (FUT7)

Product Information

Cat#	DIA-710
Descriptions	Fucosyltransferase 7 (FUT7) is specifically responsible for synthesizing sialyl Lewis x epitopes on leukocyte surface glycoproteins, mediates selectin-dependent cell adhesion during inflammatory response, and is a key target for immunology and anti-inflammatory drug research.
Applications	Fucosyltransferase 7 (FUT7) serves as a key raw material for sialyl Lewis x antigen detection kits and inflammatory cell adhesion assay reagent development.
CAS No.	24-1-15222
Enzyme Source	Chinese Hamster Ovary cell line, CHO-derived human Fucosyltransferase 7/FUT7 protein.
Reaction	an N-acetyl-alpha-neuraminy- (2->3)-beta-D-galactosyl- (1->4)-N-acetyl-beta-D-glucosaminy- derivative + GDP-beta-L-fucose = an alpha-Neu5Ac- (2->3)-beta-D-Gal- (1->4)-[alpha-L-Fuc- (1->3)]-beta-D-GlcNAc derivative + GDP + H ⁺
Activity Definition	Measured by its ability to transfer fucose from GDP-fucose to fetal bovine fetuin.