

α -1, 3-Fucosyltransferase

Product Information

Cat#	DIA-905
Descriptions	α -1, 3-fucosyltransferase catalyzes the transfer of fucosyl groups from GDP-fucose to acceptor glycans via α -1,3 glycosidic linkages, mediates the biosynthesis of Lewis x and sialyl Lewis x antigens, and serves as a key biocatalyst for functional glycan construction and glycoengineering modification research.
Applications	α -1, 3-fucosyltransferase is used for Lewis antigen synthesis detection kits and functional glycan modification assay reagent development.
CAS No.	37277-69-3
Enzyme Commission Number	EC 2.4.1.65
Enzyme Source	E. coli recombinant α -1,3-fucosyltransferase from Helicobacter pylori.
Synonyms	α 1,3FucT
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the transfer of 1 μ mol Fuc from GDP-Fuc to acceptor per minute at 37 °C.