

Alpha-1, 3-Fucosyltransferase (AmCafF)

Product Information

Cat#	DIA-607
Descriptions	Alpha-1, 3-fucosyltransferase (AmCafF) catalyzes the transfer of fucosyl groups to form alpha-1,3 fucosidic linkages, acting as key biocatalyst for artificial synthesis of functional oligosaccharides.
Applications	Alpha-1, 3-fucosyltransferase (AmCafF) serves as a biocatalyst for Lewis antigen synthesis detection kits and functional oligosaccharide preparation quality control reagent development.
CAS No.	24-1-651
Enzyme Commission Number	EC 2.4.1.65
Enzyme Source	E.coli recombinant Alpha-1,3-fucosyltransferase from Australian magpie.
Reaction	Gal Beta1-4GlcNAcBetaOR + GDP-Fuc = FuAlpha1, 3 (Gal Beta1-4)GlcNAcBetaOR + GDP
Activity Definition	One unit is defined as the amount of enzyme that transfer 1Mumol Fucose from GDP-Fuc to Gal Beta1-4GlcNAc to form FuAlpha1,3 (Gal Beta1-4)GlcNAc per min at 37°C.