

Alpha1, 2-Fucosyltransferase (a1, 2FucT)

Product Information

Cat#	DIA-619
Descriptions	Alpha1, 2-fucosyltransferase (a1, 2FucT) delivers high catalytic efficiency for α -1,2 linked fucose modification on terminal galactose residues, features excellent substrate adaptability, and is suitable for blood group antigen synthesis and glycan terminal engineering.
Applications	Alpha1, 2-fucosyltransferase (a1, 2FucT) serves as an H blood group antigen detection kit raw material for histo-blood group related assay reagent development.
CAS No.	124-1-69
Enzyme Commission Number	EC 2.4.1.69
Enzyme Source	Helicobacter mustelae
Reaction	$\text{Gal}\beta\text{1.4GlcOR} + \text{GDP-Fuc} = \text{Fuc}\alpha\text{1.2Gal}\beta\text{1.4GlcOR} + \text{GDP}$
Activity Definition	One unit is defined as the amount of enzyme that transfer 1Mumol Fucose from GDP-Fuc to lactose to form FucAlpha1,2Lac per min at 37°C.
Package	5 U, 25 U, 50 U