

D-galactosyl-Beta1-3-N-acetyl-D-Hexosamine Phosphorylase (BiGalHexNAcP)

Product Information

Cat#	DIA-684
Descriptions	D-galactosyl-Beta1-3-N-acetyl-D-hexosamine phosphorylase (BiGalHexNAcP) from Bifidobacterium infantis catalyzes the phosphorolysis of β -1,3 linked galactosyl-N-acetylhexosamine disaccharides, participates in human milk oligosaccharide metabolism, and is used for functional oligosaccharide synthesis research.
Applications	D-galactosyl-Beta1-3-N-acetyl-D-hexosamine phosphorylase (BiGalHexNAcP) is suitable for human milk oligosaccharide detection kits and functional oligosaccharide assay reagent development.
CAS No.	24-1-211
Enzyme Commission Number	EC 2.4.1.211
Enzyme Source	Bifidobacterium infantis
Reaction	$\text{GlcNAcOR} + \text{Gal-1-P} = \text{GalBeta1-3GlcNAcOR} + \text{PPi}$
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of GalBeta1,3GlcNac From Gal-1-P and 1 Mumol GlcNac per minute at 37°C.