

Beta1, 4-Galactosyltransferase (HpBeta1, 4GalT)

Product Information

Cat#	DIA-662
Descriptions	Beta1, 4-galactosyltransferase (HpBeta1, 4GalT) sourced from Helicobacter pylori efficiently catalyzes β -1,4 galactosylation reactions, features simple expression and easy purification, and serves as a cost-effective biocatalyst for glycan chain extension.
Applications	Beta1, 4-galactosyltransferase (HpBeta1, 4GalT) is widely applied in glycan chain extension detection kits and cost-effective glycoprotein remodeling assay reagent development.
CAS No.	124-1-22
Enzyme Commission Number	EC 2.4.1.22
Enzyme Source	Helicobacter pylori
Reaction	$\text{GlcNAc} + \text{UDP-Gal} = \text{GalBeta4GlcNAc} + \text{UDP}$
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the transfer of 1 Mumol gal from UDP-Gal to GlcNAc per minute at 37°C.