

Beta-Galactosidase (CoGH1A)

Product Information

Cat#	DIA-647
Descriptions	Beta-Galactosidase (CoGH1A) derived from <i>Caldicellulosiruptor owensensis</i> exhibits excellent thermal stability, efficiently cleaves β -galactosidic bonds in lactose and oligosaccharides, and is suitable for dairy processing research and carbohydrate biotransformation applications.
Applications	Beta-Galactosidase (CoGH1A) is suitable for lactose content detection kits and carbohydrate biotransformation assay reagent development.
CAS No.	32-1-212
Enzyme Commission Number	EC 3.2.1.21
Enzyme Source	E.coli recombinant CoGH1A from <i>Caldicellulosiruptor owensensis</i> .
Reaction	lactose = glucose+galactose
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the hydrolysis of 1 μ mol Lactose per minute at 80 °C.