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Zuschläge

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- Expressversand

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β1-4 Galactosidase, E. coli

Cat. No.:	HY-P2869B	
CAS No.:	9031-11-2	
Target:	Others	
Pathway:	Others	β1-4 Galactosidase, E. coli
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description	β1-4 Galactosidase, E. coli is a highly specific exoglycosidase that catalyzes the hydrolysis of terminal, non-reducing β1-4 linked galactose residues from oligosaccharides ^[1] .
IC ₅₀ & Target	others
In Vitro	<p>Protocol</p> <ol style="list-style-type: none">1) Combine 1 μg of glycoprotein or 100 nM of oligosaccharide and H₂O (if necessary) in a total reaction volume of 9 μL.2) Add 1 μL of reaction buffer. Recommended 50 mM CaCl₂, 500 mM sodium acetate, pH 5.5 at 25°C to make a 10 μL total reaction volume.3) Add 1 μL β1-4 Galactosidase.4) Incubate at 37°C for 1 hour. <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Yi-Min She, et al. Unusual β1-4-galactosidase activity of an α1-6-mannosidase from Xanthomonas manihotis in the processing of branched hybrid and complex glycans. J Biol Chem. 2022 Sep;298(9):102313.

Caution: Product has not been fully validated for medical applications. For research use only.

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