

## 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 <sup>[1]</sup> .
IC <sub>50</sub> & Target	others
In Vitro	<p>Protocol</p> <ol style="list-style-type: none"><li>1) Combine 1 μg of glycoprotein or 100 nM of oligosaccharide and H<sub>2</sub>O (if necessary) in a total reaction volume of 9 μL.</li><li>2) Add 1 μL of reaction buffer. Recommended 50 mM CaCl<sub>2</sub>, 500 mM sodium acetate, pH 5.5 at 25°C to make a 10 μL total reaction volume.</li><li>3) Add 1 μL β1-4 Galactosidase.</li><li>4) Incubate at 37°C for 1 hour.</li></ol> <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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA