

α -1-2 Fucosidase, bifidobacterium longum

Cat. No.: HY-132177A
CAS No.: 9037-65-4
Target: Others
Pathway: Others
Storage: -80°C

α -1-2 Fucosidase, bifidobacterium longum

BIOLOGICAL ACTIVITY

Description	α 1-2 Fucosidase (EC 3.2.1.51) is a highly specific exoglycosidase that catalyzes the hydrolysis of linear α 1-2 linked fucose residues from oligosaccharides ^[1] .
IC ₅₀ & Target	others
In Vitro	<p>Protocol</p> <p>1) Dilution: Use 20 mM Tris-HCl PH7.5 buffer to dilute the product. It is recommended to prepare and use it immediately.</p> <p>2) Enzyme digestion: Add substrate in sequence to the reaction system, add 5mM MnCl₂, adjust the pH to 6.0, mix well, add an appropriate amount of α1-2 Fucosidase, and incubate the sample at 37°C for 2-4 hours or overnight.</p> <p>Note: The incubation time or enzyme amount needs to be adjusted according to actual conditions.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Paula E Magnelli, et al. Identification and characterization of protein glycosylation using specific endo- and exoglycosidases. J Vis Exp. 2011 Dec 26;(58):e3749.

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

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