

Endo H, Streptomyces picatus

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| Cat. No.: | HY-E70131 | |
| CAS No.: | 37278-88-9 | |
| Target: | Others | |
| Pathway: | Others | Endo H, Streptomyces picatus |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. | |

BIOLOGICAL ACTIVITY

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| Description | Endo H, Streptomyces picatus (Endo- β -N-acetylglucosaminidase H), isolated from Streptomyces plicatus, hydrolyzes the central glycosidic bond of the β 1, 4-di-N-acetylchitobiose core in asparagine-linked oligosaccharides ^[1] . |
| IC ₅₀ & Target | others |
| In Vitro | <p>Protocol</p> <ol style="list-style-type: none">1) For 10 μg of RNase B, add 1 μL of 500 mM sodium acetate (pH 7.5), and adjust the volume to 10 μL with deionized water;2) Add 1-2 μL of EndoH, pipe gently to mix;3) Incubate at 37 °C for 1 hour;4) Analyze by SDS-PAGE or mass spectrometry. <p>Note: Incubation time or enzyme amount needs to be optimized according to actual conditions. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> |

REFERENCES

[1]. V Rao, et al. Crystal structure of endo-beta-N-acetylglucosaminidase H at 1.9 Å resolution: active-site geometry and substrate recognition. Structure. 1995 May 15;3(5):449-57.

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

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