



# SZABO SCANDIC

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Endo H, Streptomyces picatus

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

Description	Endo H, Streptomyces picatus (Endo- $\beta$ -N-acetylglucosaminidase H), isolated from Streptomyces plicatus, hydrolyzes the central glycosidic bond of the $\beta$ 1, 4-di-N-acetylchitobiose core in asparagine-linked oligosaccharides <sup>[1]</sup> .
IC <sub>50</sub> & Target	others
In Vitro	<p>Protocol</p> <ol style="list-style-type: none"><li>1) For 10 <math>\mu</math>g of RNase B, add 1 <math>\mu</math>L of 500 mM sodium acetate (pH 7.5), and adjust the volume to 10 <math>\mu</math>L with deionized water;</li><li>2) Add 1-2 <math>\mu</math>L of EndoH, pipe gently to mix;</li><li>3) Incubate at 37 °C for 1 hour;</li><li>4) Analyze by SDS-PAGE or mass spectrometry.</li></ol> <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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