

## Endo- $\beta$ -N-acetylglucosaminidase F3

Cat. No.:	HY-E70134	
CAS No.:	37278-88-9	
Target:	Others	
Pathway:	Others	Endo- $\beta$ -N-acetylglucosaminidase F3
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month

### BIOLOGICAL ACTIVITY

Description	Endo- $\beta$ -N-acetylglucosaminidase D (Endo F3) cleaves free or Asparagine-linked triantennary oligosaccharides or $\alpha$ 1-6 fucosylated biantennary oligosaccharides, as well as triamnosyl chitobiose core structures <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 IgG, 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 Endo F3, 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]. R B Trimble, et al. Identification of distinct endoglycosidase (endo) activities in Flavobacterium meningosepticum: endo F1, endo F2, and endo F3. Endo F1 and endo H hydrolyze only high mannose and hybrid glycans. J Biol Chem. 1991 Jan 25;266(3):1646-51.

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

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