

Endo- β -N-acetylglucosaminidase F1

Cat. No.:	HY-E70135		
CAS No.:	37278-88-9		
Target:	Others		
Pathway:	Others		Endo- β -N-acetylglucosaminidase F1
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

BIOLOGICAL ACTIVITY

Description	Endo- β -N-acetylglucosaminidase F1 (Endo F1) cleaves Asparagine-linked high mannose and some hybrid oligosaccharides [1].
IC₅₀ & Target	others
In Vitro	<p>Protocol</p> <ol style="list-style-type: none"> 1) Dissolve 1-20 μg of glycoprotein in deionized water, add 1 μL of 500 mM sodium acetate solution (pH5.0), and adjust the volume to 10 μL with deionized water; 2) Add 1-2 μL of Endo F1, pipe gently to mix; 3) Incubate at 37 °C for 60 min; 4) For SDS-PAGE analysis or HPLC analysis. <p>Note: Most common biological buffers are also suitable, such as Tris or PBS. Buffers outside this pH range (such as acetate buffer) may also be suitable, but the incubation time or enzyme amount needs to be optimized according to the actual situation.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Jie Ao, et al. The N-Linked Outer Chain Mannans and the Dfg5p and Dcw1p Endo- α -1,6-Mannanases Are Needed for Incorporation of *Candida albicans* Glycoproteins into the Cell Wall. *Eukaryot Cell*. 2015 Aug;14(8):792-803.

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

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