

## PNGase F-Fast

Cat. No.:	HY-P2929A
CAS No.:	83534-39-8
Target:	Glycosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## PNGase F-Fast

### BIOLOGICAL ACTIVITY

#### Description

PNGase F-Fast is a glycosidase that catalyzes the cleavage of internal glycosidic bonds in oligosaccharides. PNGase F-Fast removes almost all N-linked oligosaccharides from glycoproteins. PNGase F-Fast can release N-glycans from glycoproteins in the sugar analysis workflow. The cleavage site is: the glycosidic bond between the innermost N-acetylglucosamine and asparagine. PNGase F-Fast is an improved reagent that allows for rapid deglycosylation of antibodies and antibody fusions within minutes<sup>[1][2]</sup>.

### CUSTOMER VALIDATION

- Research Square Preprint. 2023 Dec 23.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Vilaj M, et al. Evaluation of different PNGase F enzymes in immunoglobulin G and total plasma N-glycans analysis. *Glycobiology*. 2021 Jan 9;31(1):2-7.

[2]. Huang J, et al. Highly Efficient Release of Glycopeptides from Hydrazide Beads by Hydroxylamine Assisted PNGase F Deglycosylation for N-Glycoproteome Analysis. *Anal Chem*. 2015 Oct 20;87(20):10199-204.

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

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