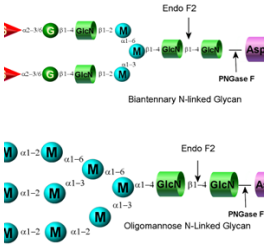
Aug 06, 2018

Endo F2



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External link: http://www.qa-bio.com/docs/E-EF02.QA-Bio.specsheet.pdf

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Protocol status: Working
We use this protocol and it's working

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Keywords: endoglycosidase f2, endo f2, oligosaccharide, biantennary oligosaccharide, acetylglucosamine residues in the diacetylchitobiose core, truncated sugar molecule, diacetylchitobiose core, linked high mannose, acetylglucosamine residue, high mannose, cleaf

Abstract

Endo F2 cleaves Asparagine-linked high mannose or biantennary oligosaccharides. It cleaves between the two N-acetylglucosamine residues in the diacetylchitobiose core of the oligosaccharide, generating a truncated sugar molecule with one N-acetylglucosamine residue remaining on the asparagine. In contrast, PNGase F removes the oligosaccharide intact.

Materials

MATERIALS

Endo F2 **QA-Bio Inc** **Catalog #**E-EF02

1 Add up to 200 µg of glycoprotein to an Eppendorf tube. Adjust to 38 µl final volume with de-ionized water.

2 Add 10 µl 5x Reaction Buffer 4.5

3 Add 2.0 µl of Endo F2 to the reaction. Incubate 3 hours at 37°C.

4 Monitor cleavage by SDS-PAGE.