

INSTRUCTIONS FOR USE

Product Name: PNGase F, Glycerol-Free (100,000 U/mL)
Catalog # PNG01-E21C

Denaturing Conditions:

Step 1. In a centrifuge tube, add the following components:

1 µL	Buffer 1 (5% SDS, 400mM DTT)
1-20 µg	Glycoprotein
Up to 10 µL	ddH ₂ O

Step 2. Heat at 100°C for 10 min.

Step 3. Cool on ice and centrifuge for 10 sec.

Step 4. Add the following components:

2 µL	Buffer 2 (200mM Tris pH 7.5)
2 µL	10% NP-10
1-2 µL	PNGase F
6 µL	ddH ₂ O

Step 5. Incubate at 37°C for 1-3 hrs.

Non-Denaturing Conditions:

Step 1. In a centrifuge tube, add the following components:

2 µL	Buffer 2
1-20 µg	Glycoprotein
2-5 µL	PNGase F
Up to 20 µL	ddH ₂ O

Step 2. Incubate at 37°C for 4-24 hrs.

Incubation time and enzyme volume can be increased for optimization under non-denaturing conditions.