



## AFFIPRO PNGASE RC COLUMN

### INSTRUCTIONS AND TECHNICAL DATA

Revision Date: June 3, 2023

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## INSTRUCTIONS

**WARNING! Review the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.**

**AffiPro PNGase Rc columns perform online removal of N-glycans and is meant to be vendor neutral and can be used in any LC or LCMS system.**

- The column can be tested for enzyme activity using standard sample of deglycosylated haptoglobin (see AffiPro webpage for details).
- The column is compatible with common buffers including 2 M urea, 100mM TCEP (Tris(2-carboxyethyl)phosphine).
- The pressure limit is 2000 PSI.
- The column cannot be exposed to buffers with pH greater than 4.5
- The column cannot be exposed to organic solvents.
- The column should be stored with endcaps at 4°C in digestion buffer or in solution with pH lower than 4.5 without organic solvents.
- The column should not be exposed to temperatures below 0°C.
- AffiPro PNGase Rc column is packed with POROS™ media consisting of enzymes covalently bound to POROS™ 20 µm beads.

## FIRST USE

- **Before first use or after longer storage, unplug the trap column and flush the column for 5min at flow rate 0.1 mL/min.** We highly recommend flushing the **protease column** before plugging the PNGase Rc column.
- AffiPro fittings are standard 10-32 for 1/16" OD tubing. When using Thermo Scientific Viper or Waters ZenFit connections, it is recommended to build an adaptor using two standard unions (see picture for example) or use extreme caution when connecting Thermo/Waters threads directly to the column.



## POROS™

This product contains POROS™ material used under license from Life Technologies Corporation.

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the Poros™ included with the column, under intellectual property rights that are owned and controlled by Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008, according to the license agreement between Affipro and Life Technologies Corporation.

## SUPPORT

For technical support email [info@affipro.cz](mailto:info@affipro.cz) or go to [www.affipro.cz](http://www.affipro.cz)

Sequence coverage of human haptoglobin with on-line deglycosylation using PNGase Rc column followed by on-line proteolysis using Nep-2/pepsin column.

