

PreDictor RoboColumn Capto Phenyl ImpRes

Product Information

Cat#No# Pr-177P

Product Overview

These PreDictor RoboColumn minicolumns are prepacked with Capto Phenyl ImpRes, a hydrophobic interaction chromatography resin with phenyl ligand for high-resolution intermediate protein purification and polishing.

Description

PreDictor RoboColumn units are prepacked, miniaturized columns that support HTPD using a robotic liquid handling workstation, such as Freedom Evo from Tecan, for fully automated and parallel chromatographic separations. Perform HTPD work using PreDictor RoboColumn units, alone or as a complement to PreDictor 96-well filter plates.

Characteristic

Supports high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions using a miniaturized column format and robotic workstation.

Facilitates screening of a wide range of parameters with small sample consumption.

Prepacked with 600 μ L of chromatography resin.

Automation and parallel screening reduce experimental time and minimize hands-on time.

High-throughput workflow allows investigation of enlarged experimental workspace for better process understanding.

Maximum operating pressure

Up to 8.0 bar

Particle Size

7 to 12 μ m

Recommended flow rate

16 to 1000 cm/h

Recommended column height



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39 mm

Chemical stability

Commonly used aqueous buffers, pH 1 to 14, organic solvents.

Storage

4°C to 30°C

Pack size

600 µL

Dimensions

128.3 × 14.0 × 86.0 mm (w × h × d)

Column i.d.

5 mm