

# PreDictor RoboColumn Octyl Sepharose 4FF

## Product Information

**Cat#No#** Pr-178P

### Product Overview

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.

### Description

PreDictor RoboColumn units are miniaturized chromatographic columns prepacked with BioProcess chromatography resins. The columns are available for several chromatographic techniques such as ion exchange chromatography (IEX), affinity chromatography (AC), multimodal chromatography (MM), and hydrophobic interaction chromatography (HIC).

PreDictor RoboColumn units are part of the toolbox for high-throughput process development (HTPD). These miniaturized columns support HTPD by 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 a range of BioProcess chromatography resins.

Automation and parallel screening reduces experimental time and minimizes 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

## PreDictor RoboColumn Octyl Sepharose 4FF

7 to 12 µm

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**Recommended flow rate**

16 to 1000 cm/h

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**Recommended column height**

39 mm

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**Chemical stability**

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

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**Storage**

4°C to 30°C

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**Pack size**

200 µL

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**Dimensions**

128.3 × 14.0 × 86.0 mm (w × h × d)

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**Column i.d.**

5 mm