

LC columns

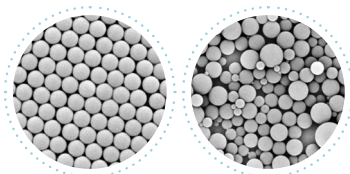
# Robust. Reproducible. Resolution. Every time.

## ProPac 3R IEX columns

### ProPac 3R column technology

Thermo Scientific™ ProPac™ 3R columns are designed to provide fast, high efficiency, high resolution separations of proteins and glycoproteins based on their accessible surface charge.

The 3 µm, non-porous particle is based on a solvent compatible divinylbenzene polymer resin to provide exceptionally high resolving power. Compared to traditional polydisperse particles (right), the monodisperse particles (left) resulting in improved column packing and lot-to-lot reproducibility.



### Column technology and features

- Superior resolution power for proteins, monoclonal antibodies and associated charge variants
- High efficiency with reproducible separations
- High recovery with low carryover
- Wide pH operating range: 2–12
- High temperature stability: up to 60 °C
- High throughput
- SCX compatible with Thermo Scientific™ CX-1 pH gradient buffers

### Ordering information

Description	Dimensions	Particle size	Cat. no
ProPac 3R SCX columns	2 mm x 50 mm	3 µm	<a href="#">43103-052068</a>
	2 mm x 100 mm	3 µm	<a href="#">43103-102068</a>
	4 mm x 50 mm	3 µm	<a href="#">43103-054068</a>
	4 mm x 100 mm	3 µm	<a href="#">43103-104068</a>
ProPac 3R SAX columns	2 mm x 50 mm	3 µm	<a href="#">43203-052068</a>
	2 mm x 100 mm	3 µm	<a href="#">43203-102068</a>
	4 mm x 50 mm	3 µm	<a href="#">43203-054068</a>
	4 mm x 100 mm	3 µm	<a href="#">43203-104068</a>

Learn more at [thermofisher.com/propac](https://thermofisher.com/propac)