

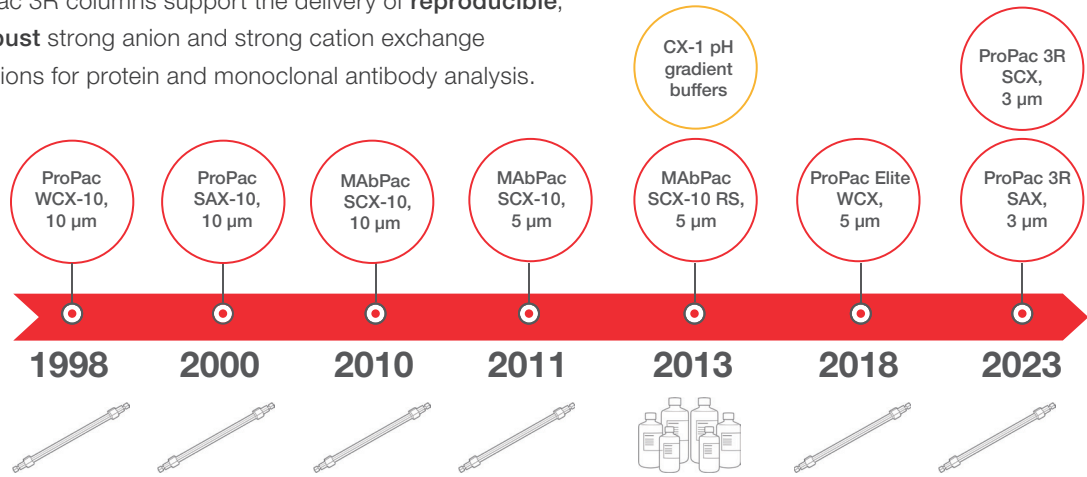
LC columns

# ProPac 3R IEX columns

Robust. Reproducible. Resolution. **Every time.**

Thermo Scientific™ ProPac™ 3R SCX and SAX columns are the newest members of the Thermo Scientific ProPac family of liquid chromatography products. Designed with bio-inert materials, ProPac 3R columns support the delivery of **reproducible**, high **resolution**, and **robust** strong anion and strong cation exchange chromatography separations for protein and monoclonal antibody analysis.

Ion-exchange chromatography column timeline



Related CX-1 buffers



Ordering information

Description	Size	pH	Cat. no
pH gradient buffer A	125 mL	pH 5.6	<b>10053-800</b>
pH gradient buffer B	152 mL	pH 10.2	<b>10053-804</b>

Other sizes available

### ProPac 3R SCX column

- Fast, high efficiency, and highest resolution with excellent reproducibility separations of proteins and glycoproteins based on their surface charge
- Works well with CX-1 buffers

### ProPac 3R SAX column

- Best choice for proteins with acidic pI and associated variants
- Ideal for full/empty adeno-associated viruses (AAV) capsid ratios analysis
- Works well with salt and pH gradient buffers

### Monodisperse ProPac 3R and polydisperse particles

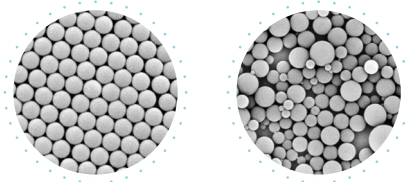


Figure 1: (left) 3 µm monodisperse particles, (right) traditional 3 µm polydisperse particles

### Lot-to-lot reproducibility of NISTmAb salt gradient separation on a ProPac 3R SCX column

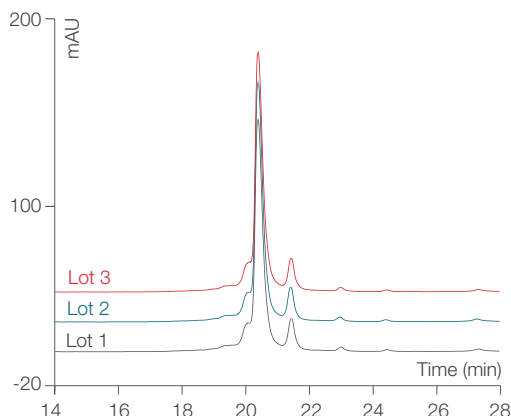
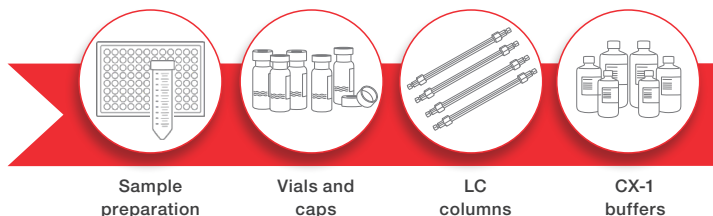


Figure 2: Chromatograms of three lots using a long method with 30-min gradient at 0.3ml/min flow rate.



Sample preparation

Vials and caps

LC columns

CX-1 buffers



### Ordering information

Description	Dimensions	Particle size	Cat. no
ProPac 3R SCX columns	2 mm x 50 mm	3 µm	<b>76748-612</b>
	2 mm x 100 mm	3 µm	<b>76748-616</b>
	4 mm x 50 mm	3 µm	<b>76748-614</b>
	4 mm x 100 mm	3 µm	<b>76748-618</b>
ProPac 3R SAX columns	2 mm x 50 mm	3 µm	<b>76748-620</b>
	2 mm x 100 mm	3 µm	<b>76748-624</b>
	4 mm x 50 mm	3 µm	<b>76748-622</b>
	4 mm x 100 mm	3 µm	<b>76748-626</b>

Find more information about our products at [vwr.com/thermochrom](http://vwr.com/thermochrom)

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