

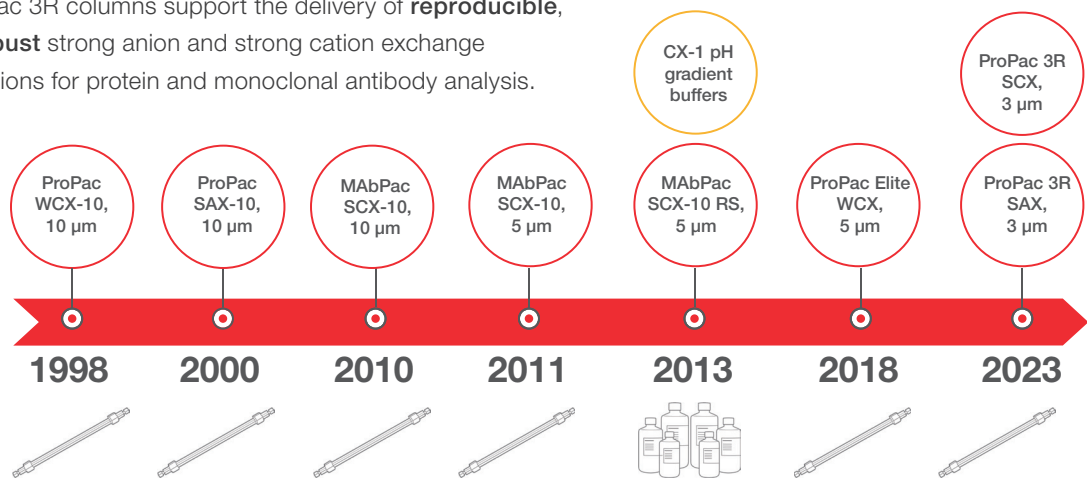
LC columns

# 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	15125624
pH gradient buffer B	152 mL	pH 10.2	15135624

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**

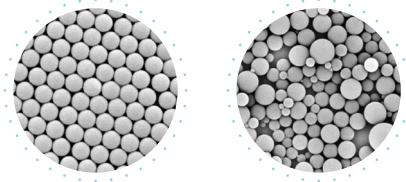


Figure 1: (left) 3 µm monodisperse particles, (right) traditional 3 µm polydisperse particles

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

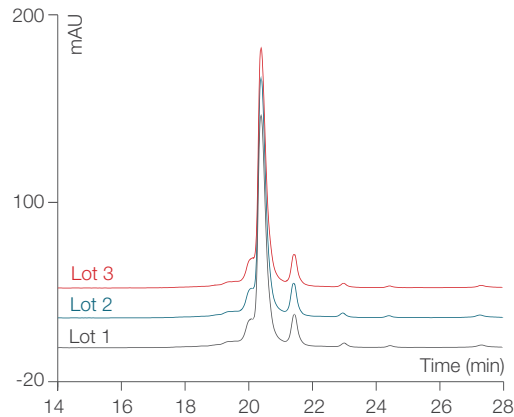
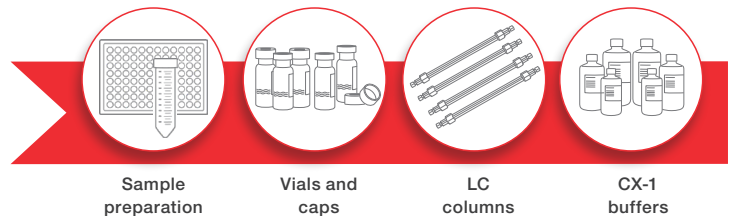


Figure 2: Chromatograms of three lots using a long method with 30-min gradient at 0.3ml/min flow rate.



**Ordering information**

Description	Dimensions	Particle size	Cat. no
ProPac 3R SCX columns	2 mm x 50 mm	3 µm	17877893
	2 mm x 100 mm	3 µm	17877893
	4 mm x 50 mm	3 µm	17877893
	4 mm x 100 mm	3 µm	17877893
ProPac 3R SAX columns	2 mm x 50 mm	3 µm	17807903
	2 mm x 100 mm	3 µm	17837903
	4 mm x 50 mm	3 µm	17817903
	4 mm x 100 mm	3 µm	17827903

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

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