

Selection guide

Guide to chromatography resins for research applications



Click on the chromatography method you are interested in to jump to the corresponding selection guide.

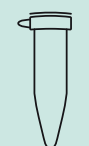
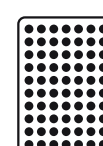
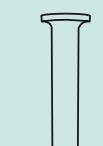

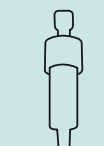
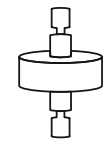
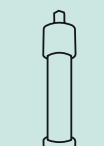
AC
Affinity chromatography
 Recombinant tagged proteins

AC
Affinity chromatography
 Antibodies and antibody fragments

SEC
Size exclusion chromatography

IEX
Ion exchange chromatography

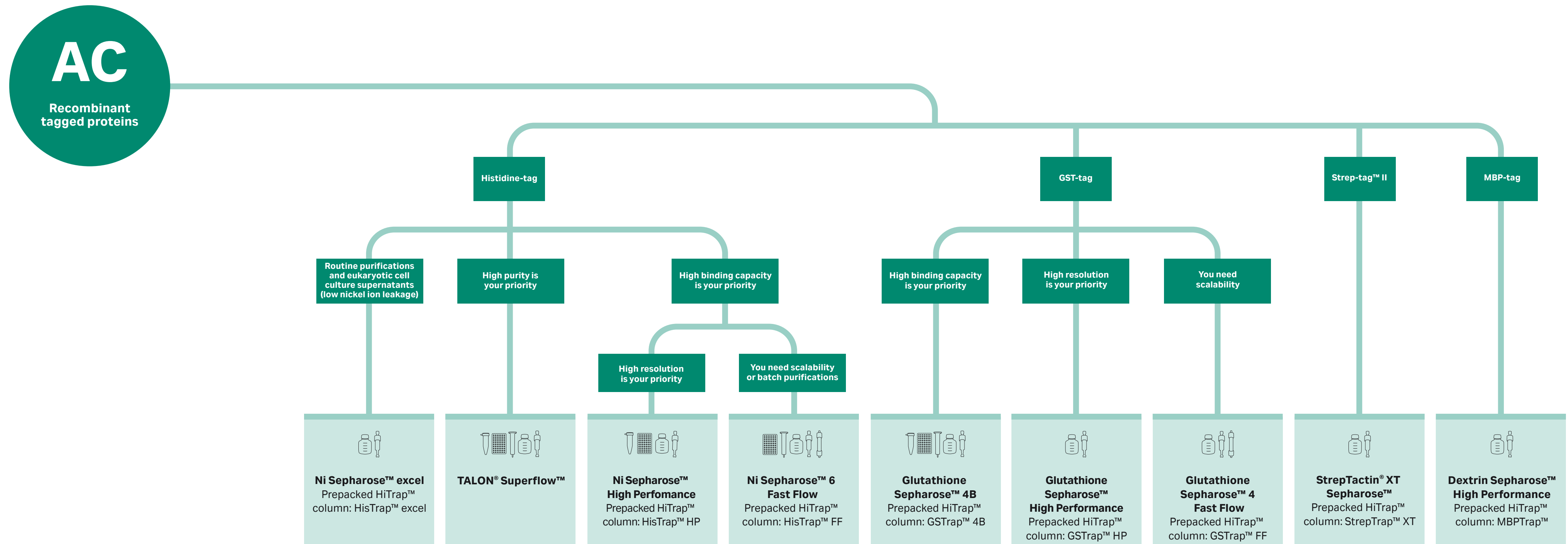
Format guide

	Manual purification			Manual or automated (system) purification		System purification	
Format	 Spin columns	 96-well plates	 Gravity-flow columns	 Bottles of chromatography resins	 Small prepacked column	 Fiber chromatography units	 Other columns
Format name	SpinTrap™	MultiTrap™ and PreDictor™ plates	GraviTrap™, MiniTrap™, MidiTrap™, and PD-10	Lab pack	HiTrap™	HiTrap™ Fibro and HiScreen™ Fibro	HiScreen™, HiPrep™, HiLoad™, RESOURCE™, Tricorn™, and Precision
Application	Screening and quick desalting of small sample quantities using a benchtop centrifuge	High-throughput screening and small-scale purification using centrifuge or vacuum equipment	Simple one-step purification of proteins or sample desalting without the need for equipment	Batch purification and packing chromatography columns	Easy to use with a syringe, peristaltic pump, or a chromatography system	Very high flow rates	Larger scale or high-performance applications

Affinity chromatography—recombinant tagged proteins

Guide to chromatography resins

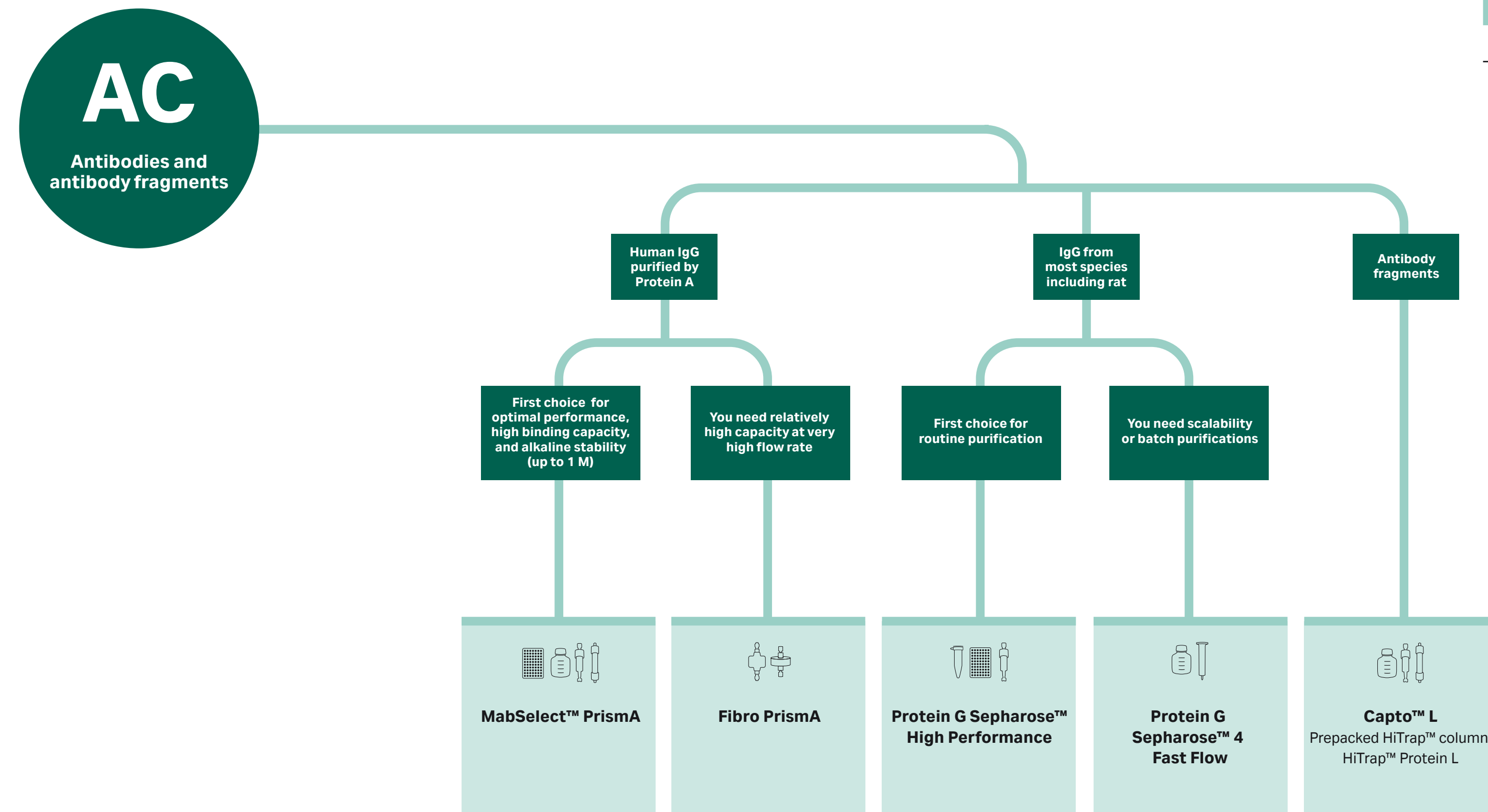
Click on the product names to be directed to the corresponding web page.



Affinity chromatography—antibodies and antibody fragments

Guide to chromatography resins

Click on the product names to be directed to the corresponding web page.



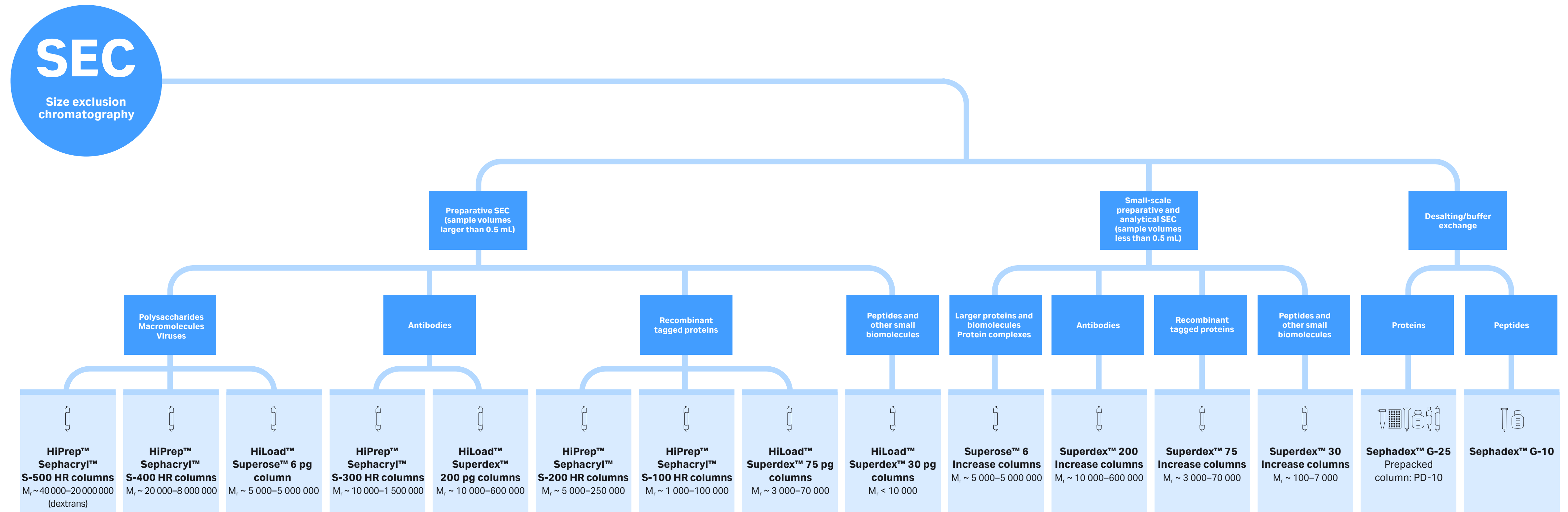
Upgrade your resin

Used legacy resin	Corresponding modern resin	Application
Protein A Sepharose™ High Performance	MabSelect™ Prisma	Human IgG purified by Protein A
rProtein A Sepharose™ Fast Flow	MabSelect™ Prisma	Human IgG purified by Protein A
MabSelect SuRe™	MabSelect™ Prisma	Human IgG purified by Protein A
MabSelect SuRe™ LX	MabSelect™ Prisma	Human IgG purified by Protein A

Size exclusion chromatography

Guide to chromatography resins

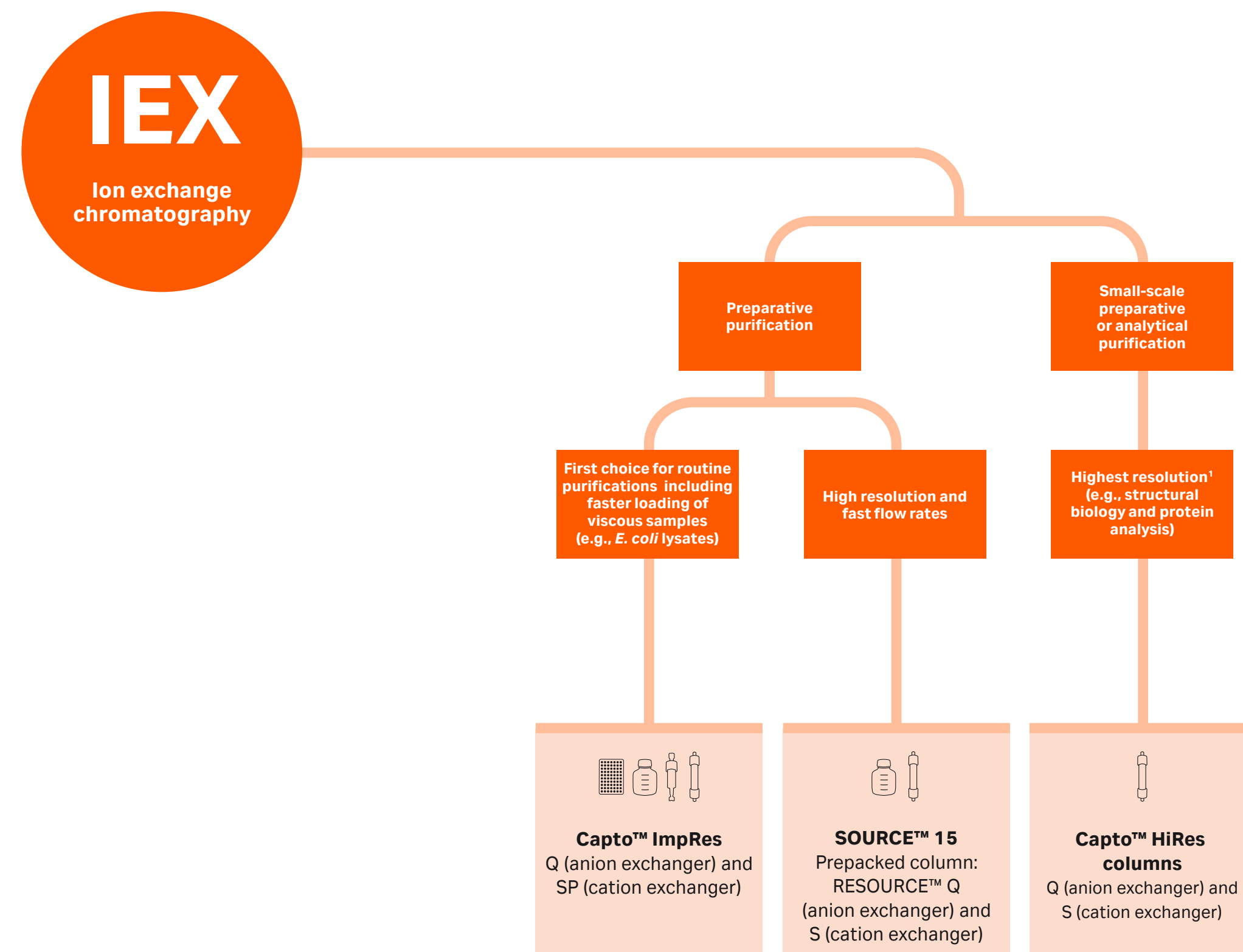
Click on the product names to be directed to the corresponding web page.



Ion exchange chromatography

Guide to chromatography resins

Click on the product names to be directed to the corresponding web page.



* Compared with other IEX columns from Cytiva.

Upgrade your resin

Used legacy resin	Corresponding modern resin	Application
MonoBeads™ resins	Capto™ HiRes	Small-scale preparative and analytical IEX purification
Q/SP Sepharose™ High Performance	Capto™ Q/SP ImpRes	Preparative IEX purification

For further guidance and other chromatography techniques, such as multimodal chromatography or hydrophobic interaction chromatography, please visit the Purify app at [cytiva.com/purify-app](https://www.cytiva.com/purify-app)

For full product portfolio, visit [cytiva.com/chromatography](https://www.cytiva.com/chromatography)

cytiva.com/proteinresearch

Cytiva and the Drop logo are trademarks of Life Sciences IP Holdings Corporation or an affiliate. Capto, GraviTrap, HiLoad, HiPrep, HiScreen, HiTrap, MabSelect, MabSelect SuRe, MidiTrap, MiniTrap, MonoBeads, MultiTrap, RESOURCE, Sephacryl, Sephadex, Sepharose, SOURCE, SpinTrap, StrepTrap, Superdex, Superose, and Tricorn are trademarks of Global Life Sciences Solutions USA LLC or an affiliate. Strep-tag and Strep-tactin are trademarks of IBA GmbH. TALON is a trademark of Clontech Laboratories, Inc. Superflow is a trademark of Sterogene Bioseparations Inc. Any other third-party trademarks are the property of their respective owners.

© 2022 Cytiva

For local office contact information, visit cytiva.com/contact

CY26164-13DEC21-SG

Distributed by Fisher Scientific. Contact us today:

Austria: fishersci.at **Belgium:** fishersci.be **Denmark:** fishersci.dk
Germany: fishersci.de **Ireland:** fishersci.ie **Italy:** fishersci.it
Finland: fishersci.fi **France:** fishersci.fr **Netherlands:** fishersci.nl
Norway: fishersci.no **Portugal:** fishersci.pt **Spain:** fishersci.es
Sweden: fishersci.se **Switzerland:** fishersci.ch **UK:** fishersci.co.uk

© 2022 Thermo Fisher Scientific Inc. All rights reserved.

Trademarks used are owned as indicated at fishersci.com/trademarks.

