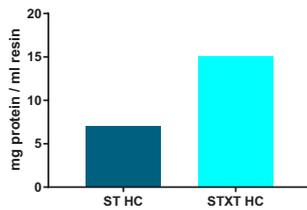


STREP-TACTIN[®]XT HIGH CAPACITY

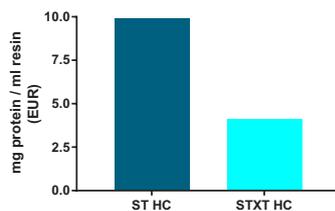
High affinity meets high capacity



STREP-TACTIN®XT HIGH CAPACITY



Comparison of the dynamic binding capacity of Strep-Tactin® high capacity (ST HC) with Strep-Tactin®XT high capacity (STXT HC)



Less costs of resin per mg purified protein when Strep-Tactin®XT high capacity (STXT HC) is used

Key benefits:

- › High affinity
- › Higher protein yields
- › Concentrated protein
- › Cost efficient

When high affinity meets high capacity

Strep-Tactin®XT high capacity is a resin variant on which higher amounts of the ligand Strep-TactinXT are immobilized. Thereby, it perfectly combines the benefits of the high affinity Strep-Tactin®XT resin with a high protein capacity, which is required for many downstream protein applications.

So far, Strep-Tactin® high capacity is one of the most favored resins allowing the purification of recombinant proteins in high yields. However, the new Strep-Tactin®XT high capacity provides significant more purified protein because it combines an increased capacity of the resin with a very efficient binding due to the high affinity for Strep-tag®II and Twin-Strep-tag®.

The economic and affordable alternative

The efficient capturing of recombinant proteins together with unbeatable prices makes the Strep-Tactin®XT high capacity resin the favorable alternative to all other Strep-Tactin® resins.

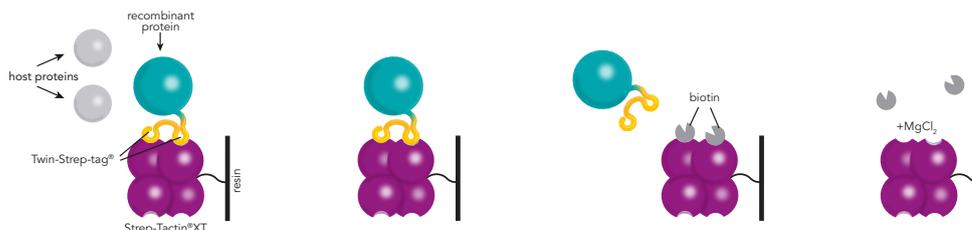
Strep-Tactin®XT Superflow® high capacity products

Strep-Tactin®XT high capacity	Size / amount	Matrices	
		Superflow®	4Flow®
50% suspension	4 ml	2-4030-002	2-5030-002
	20 ml	2-4030-010	2-5030-010
	50 ml	2-4030-025	2-5030-025
gravity flow columns	5 x 0.2 ml	2-4031-001	2-5031-005
	1 ml	2-4032-001	2-5032-001
	5 ml	2-4033-001	2-5033-001
	10 ml	2-4034-001	2-5034-001
cartridges	1 ml	2-4025-001	2-5025-001
	5 ml	2-4026-001	2-5026-001

A simple one-step purification results in high purity

Strep-Tactin®XT high capacity is employed in an easy and straightforward purification cycle, which leads to highly pure proteins. As all Strep-Tactin® resins, Strep-Tactin®XT high capacity can be regenerated and re-used at least 3-5 times.

1. Lysate application
2. Physiological wash
3. Biotin elution
4. Resin regeneration



Purification of recombinant Strep-tag®II or Twin-Strep-tag® proteins via Strep-Tactin®XT Superflow® high capacity under physiological buffer conditions

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