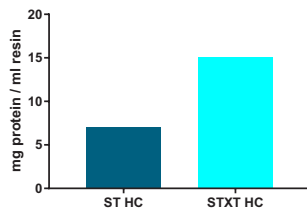


STREP-TACTIN[®]XT HIGH CAPACITY

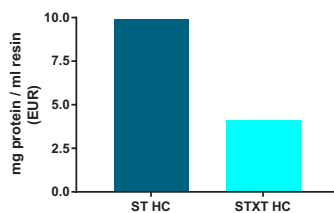
High affinity meets high capacity



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.

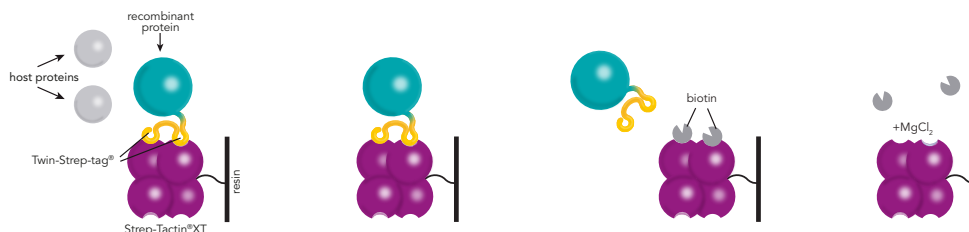
Strep-Tactin®XT Superflow® high capacity products

| 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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