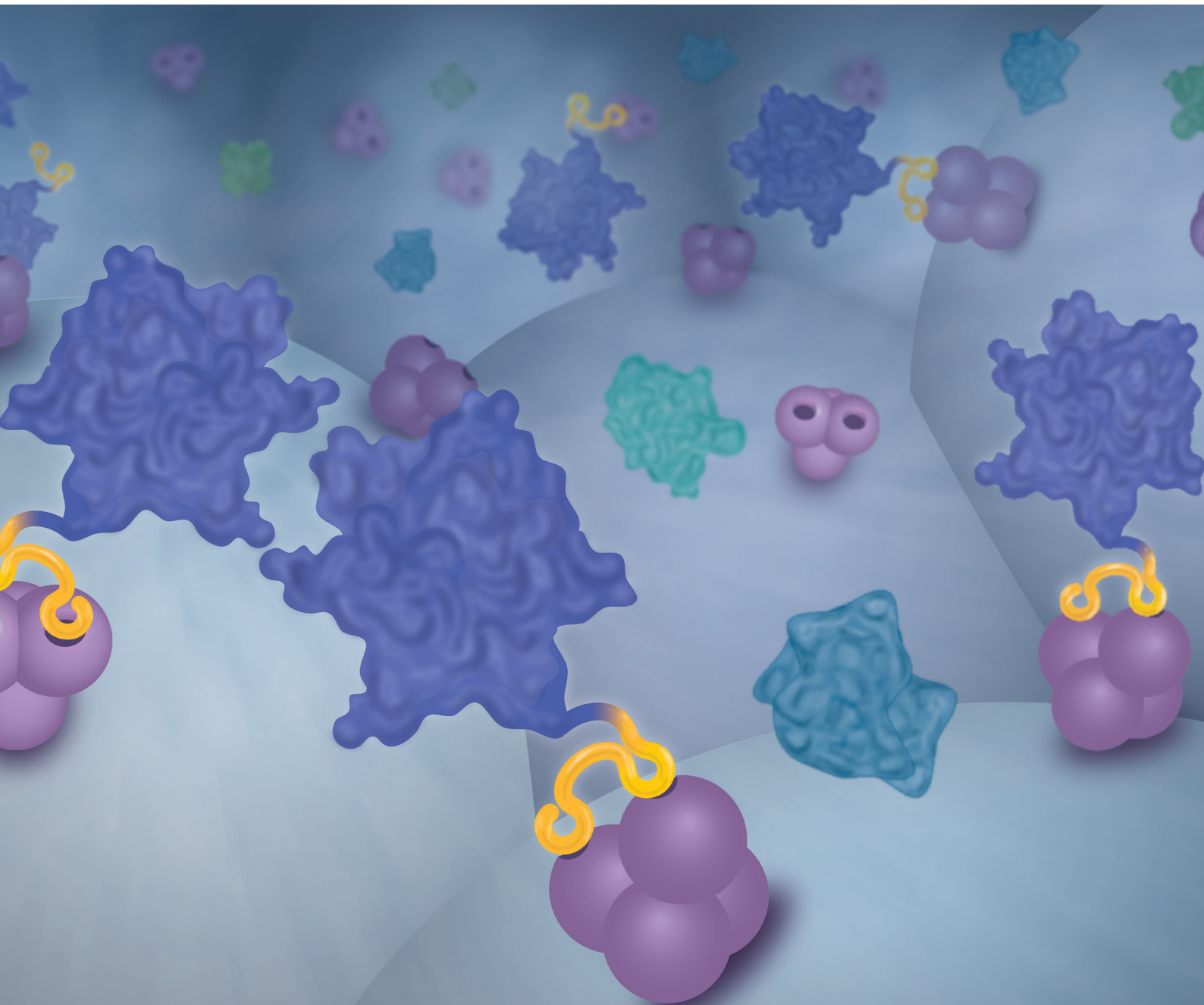




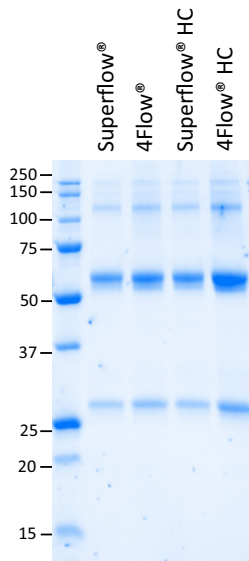
STREP-TACTIN[®]XT 4FLOW[®]

Efficient purification of large proteins



Key benefits:

- › Higher affinity and protein yield even for large proteins
- › Higher capacity for large proteins
- › Broad pH stability (pH 4-10)
- › Higher pressure stability compared to Strep-Tactin® Sepharose
- › Cost efficient



Both Strep-Tactin®XT Superflow/high capacity (HC) and Strep-Tactin®XT 4Flow®/ high capacity (HC) achieved for large monoclonal antibody tagged with the Twin-Strep-tag® (mAB-TST) the same high purity, but the latter the highest yield.

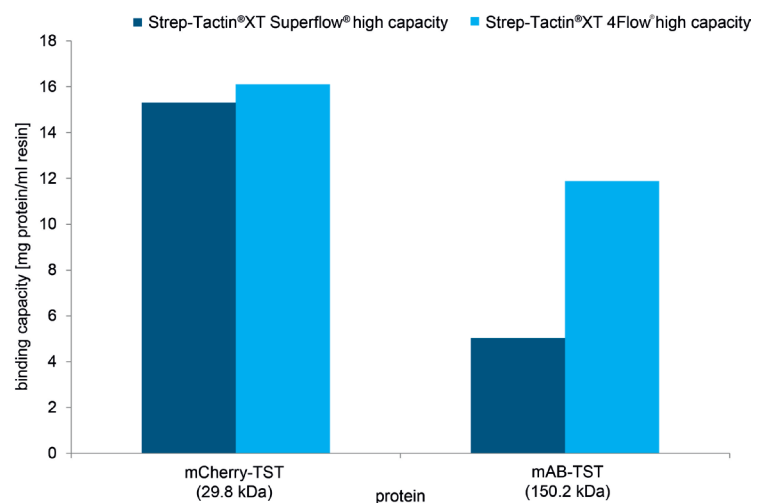
Strep-Tactin®XT 4Flow® Starter Kit:

- › 1 ml Strep-Tactin®XT 4Flow® gravity flow column
- › 1 x Buffer W
- › 1 x Buffer BXT
- › 1 x Buffer XT-R
- › Strep-Tactin® conjugated with HRP for Western Blot detection
- › Short protocol

STREP-TACTIN®XT 4FLOW®

High affinity meets high capacity

Efficient purification of large proteins can be challenging. If the agarose has a high concentration, the more difficult it is for large proteins to enter the agarose. As a result, large target proteins are insufficiently immobilized and remain in the flow-through. The solution to this problem is highly specific Strep-Tactin®XT combined with a low concentrated agarose, Strep-Tactin®XT 4Flow®. Strep-Tactin®XT 4Flow® is the resin to start with due to particular applicability even for low abundant or challenging proteins. In addition, a further increase in protein yield can be achieved through the high capacity variant of Strep-Tactin®XT 4Flow®.



Strep-Tactin®XT 4Flow® high capacity in comparison to Strep-Tactin®XT Superflow® high capacity provides an equal binding capacity for the regular size mCherry-TST, but a 2.5 fold higher binding capacity for the large mAB-TST protein.

Strep-Tactin®XT 4Flow® products

| Format | Size | Cat. no. | |
|---|-----------|------------------|---------------|
| | | Classic capacity | High capacity |
| Strep-Tactin®XT 4Flow® 50% suspension | 4 ml | 2-5010-002 | 2-5030-002 |
| | 20 ml | 2-5010-010 | 2-5030-010 |
| | 50 ml | 2-5010-025 | 2-5030-025 |
| Strep-Tactin®XT 4Flow® gravity flow columns | 5x 0.2 ml | 2-5011-005 | 2-5031-005 |
| | 1 ml | 2-5012-001 | 2-5032-001 |
| | 5 ml | 2-5013-001 | 2-5033-001 |
| | 10 ml | 2-5014-001 | 2-5034-001 |
| Strep-Tactin®XT 4Flow® cartridges | 1 ml | 2-5021-001 | 2-5025-001 |
| | 5 ml | 2-5022-001 | 2-5026-001 |
| Strep-Tactin®XT 4Flow® Starter Kit | | 2-5998-000 | |