

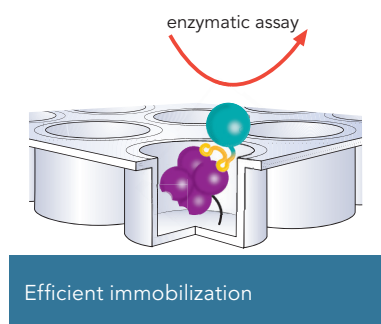
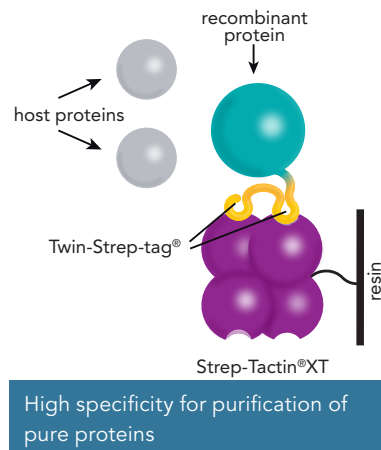
STREP-TACTIN[®]XT

One step to high protein purity



**Near covalent affinity
maintaining reversible binding!**

- › Assay development and screening
- › Therapeutic proteins and industrial enzymes
- › Batch purification
- › Improved yields



New applications:

- › Biacore SPR
- › switchSENSE®
- › Enzyme activity assays
- › Diagnostic assays

Excellent performance:

- › High affinity in pM range ($T_{1/2} = 13$ h)
- › Immobilization of the target protein is reversible and can be abrogated by addition of biotin
- › Minimal non-specific binding

Fast and high-throughput:

- › 50 % suspension
- › gravity flow columns
- › cartridges

Batch or small scale:

- › MagStrep "type3" XT beads; 2 ml
- › Strep-Tactin®XT Spin Columns
- › Strep-Tactin®XT Spin Column Kit

HIGH AFFINITY AND PURITY WITH STREP-TACTIN®XT

With Strep-Tactin®XT, the Strep-tag technology offers in addition to a high purity (up to 95%) and yield also a near covalent affinity. This makes it superior to all other systems like His-tag. Strep-Tactin®XT enables with its excellent performance new applications in the range of assay development for therapeutic proteins and industrial enzymes.

New applications:

- › Batch purification
- › High-throughput screening
- › Drug screening
- › Kinetics
- › Antibody or serum screening

Excellent performance:

- › High protein yields and purity
- › Unparalleled detergent and wash stability
- › Efficient purification of low abundant proteins or membrane proteins
- › Optimized elution profile for highly concentrated target protein

IMMOBILIZATION WITH STREP-TACTIN®XT

Due to the extra tight binding affinity of Strep-Tactin®XT to Twin-Strep-tag®, the technology can now be used for highly efficient immobilization of the target protein using the same tag.

PRODUCTS FOR PROTEIN PURIFICATION

Format	Size	Superflow®	4Flow®
50% suspension	4 ml	2-4010-002	2-5010-002
	20 ml	2-4010-010	2-5010-010
	50 ml	2-4010-025	2-5010-025
gravity flow columns	5 x 0.2 ml	2-4011-005	2-5011-005
	1 ml	2-4012-001	2-5012-001
	5ml	2-4013-001	2-5013-001
	10 ml	2-4014-001	2-5014-001
cartridges	1 ml	2-4021-001	2-5021-001
	5 ml	2-4022-001	2-5022-001
MagStrep "type3" XT beads; 2 ml	2 ml	2-4090-002	
	10 ml	2-4090-010	
Strep-Tactin®XT Spin Columns	25 spin columns	2-4150-025	
Strep-Tactin®XT Spin Column Kit	1 kit	2-4151-000	

PRODUCTS FOR ANALYTIC APPLICATIONS

Strep-Tactin®XT coated microplate	1 plate	2-4101-001
Twin-Strep-tag® Capture Kit	1 kit	2-4370-000
Strep-Tactin®XT DY-488 conjugate	50 µg	2-1562-050
Strep-Tactin®XT DY-549 conjugate	50 µg	2-1565-050
Strep-Tactin®XT DY-649 conjugate	50 µg	2-1568-050