



STREP-TAG® TECHNOLOGY FOR CELL & PROTEIN ISOLATION

Key features:

- › Gentle purification method for cells and proteins
- › One-step affinity chromatography isolation method
- › Highly specific reversible interaction
- › Full functionality and high purity of target material

Twin-Strep-tag®



Strep-Tactin®/
Strep-Tactin®XT

The Strep-tag® technology is based on the specific interaction between two affinity tags (Strep-tag®II and Twin-Strep-tag®) and two engineered streptavidin variants (Strep-Tactin® and Strep-Tactin®XT).

The versatile Strep-tag® system covers all steps from target genes to functional proteins and further analysis.

One system for:

- › Protein Purification
- › Protein Staining & Detection
- › Protein Interaction Analysis
- › Cell Isolation & Staining
- › T Cell Stimulation & Expansion



[Learn more about the Strep-tag® technology from this webinar](#)

PROTEIN PURIFICATION

The Strep-tag® system enables cloning, expression, detection, purification, as well as further analysis of recombinant proteins. The highly specific interaction of the Strep-tag®II with Strep-Tactin® ensures efficient one-step purification of the protein of interest in unparalleled purity even from crude cell lysates.



Cartridge/FPLC-/HPLC-Column



Gravity Flow Column



50% Suspension



Magnetic Beads

Product number	Product name	Content
2-5998-000	Strep-Tactin®XT 4Flow® starter kit	Kit
2-5010-002	Strep-Tactin®XT 4Flow® suspension	4 ml
2-5010-010	Strep-Tactin®XT 4Flow® suspension	20 ml
2-5010-025	Strep-Tactin®XT 4Flow® suspension	50 ml
2-5011-005	Strep-Tactin®XT 4Flow® column	5x 0.2 ml
2-5012-001	Strep-Tactin®XT 4Flow® column	1 ml
2-5023-001	Strep-Tactin®XT 4Flow® cartridge	1 ml
2-5024-001	Strep-Tactin®XT 4Flow® cartridge	5 ml
2-4090-002	MagStrep "type3" XT beads	2 ml
2-4090-010	MagStrep "type3" XT beads	10 ml
2-1003-100	Buffer W (10x), washing buffer	100 ml
2-1042-025	Buffer BXT (10x), elution buffer	25 ml
2-1045-250	Buffer XT-R, regeneration buffer	250 ml
2-1043-000	Strep-Tactin®XT purification buffer set	Set

Other resins with different specifications available.

PROTEIN STAINING AND DETECTION

We offer highly selective, murine monoclonal antibodies for detection of strep-tagged fusion proteins in applications such as western blots, FACS, immunocytochemistry, immunohistochemistry or ELISA. Strep-Tactin®/ Strep-Tactin®XT conjugates with fluorescent dyes bind with high affinity and specificity to strep-tagged proteins for protein staining.



StrepMAB-Classical
Antibody Conjugates



StrepMAB-Immo
Antibody Conjugate

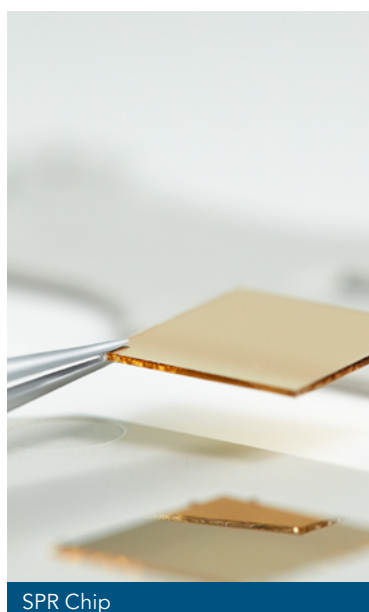


Strep-Tactin®
Conjugates

Product number	Product name	Content
2-1507-001	StrepMAB-Classical, purified, lyophilized	100 µg
2-1509-001	StrepMAB-Classical, HRP conjugate	75 µl
2-1517-001	StrepMAB-Immo, purified, lyophilized	100 µg
2-1502-001	Strep-Tactin® HRP conjugate	0.5 ml
2-1503-001	Strep-Tactin® AP conjugate	0.5 ml

PROTEIN INTERACTION ANALYSIS

Due to the outstanding high affinity of the Twin-Strep-tag® to Strep-Tactin®XT (pM range), Strep-Tactin®XT is very well suited for biomolecular interaction analysis techniques such as Surface Plasmon Resonance (SPR) or Biolayer interferometry (BLI).



SPR Chip




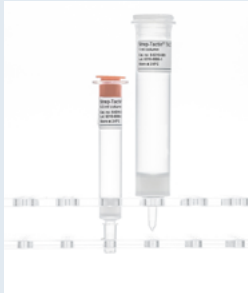


BLI Coupling Kit

Product number	Product name
2-4370-000	Twin-Strep-tag® capture kit (for SPR)
2-4370-010	Twin-Strep-tag® capture kit, maxi (for SPR)
2-4380-000	Strep-Tactin® XT BLI coupling kit for coating of biosensors

CELL ISOLATION AND STAINING

We offer three different methods for label-free cell isolation: Affinity chromatographic, magnetic and fluorescent cell separation.

FLUORESCENT CELL SORTING	MAGNETIC CELL ISOLATION	AFFINITY CHROMATOGRAPHIC CELL ISOLATION	
			
Strep-Tactin® PE/APC	Strep-Tactin® Magnetic Microbeads	Strep-Tactin® TACS Agarose Suspension	Strep-Tactin® TACS Agarose Columns

Product number	Product name	Content
6-5000-001	Strep-Tactin® PE	50 µl
6-5010-001	Strep-Tactin® APC	50 µl
6-5510-050	Strep-Tactin® magnetic microbeads	750 µl
6-6350-002	Strep-Tactin® TACS agarose suspension	4 ml
6-6350-010	Strep-Tactin® TACS agarose suspension	20 ml
6-6350-025	Strep-Tactin® TACS agarose suspension	50 ml
6-6310-300	Strep-Tactin® TACS agarose column	0.3 ml
6-6310-001	Strep-Tactin® TACS agarose column	1 ml
6-6325-001	Biotin stock solution	1 ml
6-6320-085	Buffer CI (10x)	85 ml

T CELL STIMULATION AND EXPANSION

The Strep-tag® technology for T cell stimulation and expansion enables controllable stimulation through removable reagents.



Product number	Product name
6-8900-050	CD3/CD28 Streptamer kit, human
6-8920-050	CD3/CD28 Streptamer kit, mouse