



www.strep-tag.com

High capacity

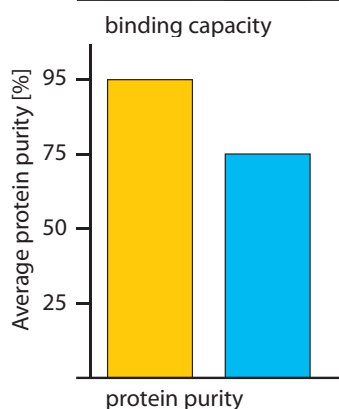
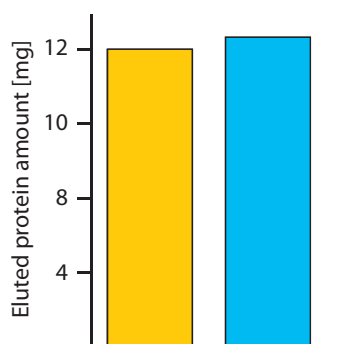
Strep-Tactin[®] resin

Get more protein with optimal purity!



The perfect solution for *Strep-tag*[®] protein purification:

2-3 times more yield as compared to conventional *Strep-Tactin*[®] resins



■ *Strep-Tactin*[®] Superflow[®] high capacity
■ Ni-NTA Superflow[®]

Specifications

Binding capacity: 1 ml sedimented resin can be used for one-step purification of 150 – 500 nmol recombinant *Strep-tag*[®] fusion protein

Support: Superflow 6 (6% agarose, crosslinked)

Bead size: 60 – 160 µm, spherical

Linear flow rate: 100 – 300 cm/h is recommended for *Strep-tag*[®] purification

Form (bulk): 50% suspension in 100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA

For larger amounts and sets of 5 columns or cartridges please refer to the price list. Please note, that the *Strep-tag*[®] purification system is designed for column affinity chromatography as opposed to batch purification.

* *Strep-Tactin*[®] Superflow[®] high capacity cartridges H-PR can directly be applied to 10-32 connections of HPLC and GE Healthcare ÄKTA[™]. Adapters for other workstations, syringes, peristaltic pumps as well as to connect several cartridges in series to enlarge capacity are available (see order information).

Improved binding capacity but identical high protein purity compared to standard *Strep-Tactin*[®] Superflow[®]

The new IBA affinity chromatography resin for purification of recombinant *Strep-tag*[®] proteins

- provides 2 to 3 times higher binding capacity than standard *Strep-Tactin*[®] Superflow[®] (150 – 500 nmol or 3 – 15 mg recombinant *Strep-tag*[®] fusion protein per ml sedimented resin)
- yields much higher protein purity (> 95%) than 6xHistidine-tag purification on Ni-NTA Superflow[®]
- combines outstanding flow characteristics with superior mechanical stability
- comes in pre-packed *Strep-Tactin*[®] Superflow[®] high capacity columns for gravity flow applications
- or in the new *Strep-Tactin*[®] Superflow[®] high capacity cartridges H-PR* (“highly pressure-resistant”) for work with automated workstations
- is suitable for increased flow rates and useful for purification of large protein complexes

Order information

Product	Amount	Cat. no.
Gravity flow <i>Strep-Tactin</i> [®] Superflow [®] high capacity column; 1 ml	1	2-1209-001
Gravity flow <i>Strep-Tactin</i> [®] Superflow [®] high capacity column; 5 ml	1	2-1209-051
Gravity flow <i>Strep-Tactin</i> [®] Superflow [®] high capacity column; 10 ml	1	2-1209-101
Gravity flow <i>Strep-Tactin</i> [®] Superflow [®] high capacity column; 0.2 ml	5	2-1209-550
<i>Strep-Tactin</i> [®] Superflow [®] high capacity cartridge H-PR (with 10-32 connection for HPLC and Äkta [™]); 1 ml	1	2-1233-001
<i>Strep-Tactin</i> [®] Superflow [®] high capacity cartridge H-PR (with 10-32 connection for HPLC and Äkta [™]); 5 ml	1	2-1234-001
Syringe adapter set (Luer-lock) for H-PR cartridges	3 sets	2-1021-001
M6 adapter set for H-PR cartridges	1 set	2-1022-001
1/4-28 adapter set for H-PR cartridges	1 set	2-1023-001
1/16 inch adapter set for H-PR cartridges	3 sets	2-1025-001
Coupling adapter set for connecting up to three H-PR cartridges	2 adapters	2-1026-001
<i>Strep-Tactin</i> [®] Superflow [®] high capacity; 50% suspension	4 ml	2-1208-002
<i>Strep-Tactin</i> [®] Superflow [®] high capacity; 50% suspension	20 ml	2-1208-010
<i>Strep-Tactin</i> [®] Superflow [®] high capacity; 50% suspension	50 ml	2-1208-025

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Superflow is a registered trademark of Sterogene Bioseparations Inc. ÄKTA is a trademark of GE Healthcare Limited.