

## Data Sheet

### Gravity flow

# Strep-Tactin® Superflow®

## high capacity column

Cat. No.: 2-1209-001, 2-1209-051, 2-1209-101,  
2-1209-550  
Lot No.: 1209-

Version: 8.3  
Revision Date: 25.02.2020

<b>Description</b>	Ready-to-use column with high capacity Strep-Tactin® resin for the purification of Strep-tag®II and Twin-Strep-tag® fusion proteins. Strep-Tactin® is a streptavidin variant with optimized binding properties for Strep-tag® fusion proteins*.
<b>Support</b>	Superflow 6 (6 % agarose, crosslinked)
<b>Form</b>	Pre-packed in buffer, pH 8.0: 100 mM Tris-HCl pH 8.0, 1 mM EDTA, 150 mM NaCl, 0.02 % sodium azide.
<b>Biotin binding activity</b>	> 900 nmol/ml resin
<b>Stability</b>	6 months after shipping
<b>Storage</b>	recommended: 2- 8 °C
<b>Shipping</b>	room temperature
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.

<b>Elution</b>	Strep-Tactin® Elution Buffer with Desthiobiotin (Buffer E), pH 8.0: 100 mM Tris-HCl, 150 mM NaCl, 1 mM EDTA, 2.5 mM desthiobiotin It may be advantageous to use 5-10 mM desthiobiotin to get the target protein eluted at higher concentration.
<b>Regeneration</b>	Strep-Tactin® Regeneration Buffer with HABA; Buffer R If HABA cannot be efficiently removed from Strep-Tactin Superflow high capacity by using Buffer W, we recommend using Buffer W at pH 10.5 (or alternatively 100 mM Tris base) for efficient removal of HABA.

\* Voss, S. & Skerra, A. (1997) Mutagenesis of a flexible loop in streptavidin leads to higher affinity for the *Strep-tag* II peptide and improved performance in recombinant protein purification. *Protein Eng.* 10, 975-982.



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