

Data Sheet

Gravity flow

Strep-Tactin[®] Superflow[®]

high capacity column

Cat. No.: 2-1209-001, 2-1209-050, 2-1209-051,
2-1209-055, 2-1209-101, 2-1209-550

Lot No.: 1209-

Last date of revision
March 2012
Version 1209-5

Description	Ready-to-use column with high capacity Strep-Tactin resin for the purification of Strep-tag II and One-StrEP-tag fusion proteins. Strep-Tactin is a streptavidin variant with optimized binding properties for Strep-tag fusion proteins*.
Support	Superflow 6 (6% agarose, crosslinked)
Form	Pre-packed in 100 mM Tris/HCl pH 8.0, 1 mM EDTA, 150 mM NaCl.
Biotin binding activity	> 900 nmol/ml resin
Elution	Buffer E (elution buffer): 100 mM Tris-Cl, 150 mM NaCl, 1 mM EDTA, 2.5 mM desthiobiotin, pH 8. It may be advantageous to use 5-10 mM desthiobiotin to get the target protein eluted at higher concentration.
Regeneration	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.
Stability	6 months after shipping
Storage	4 °C
Shipment	Room temperature

* 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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