

Data Sheet

Strep-Tactin[®] Superflow[®]

Cat. No.: 2-1206-002, 2-1206-010, 2-1206-025,
 2-1206-100, 2-1206-500

Lot No.: 1206-

Description	<p>Immobilized streptavidin variant called <i>Strep-Tactin</i> (5 mg/ml resin) which has been especially optimized for the purification of <i>Strep-tag</i> II fusion proteins*.</p> <p>Important note: To allow an efficient <i>Strep-tag/Strep-Tactin</i> binding we strongly recommend using column purification instead of batch applications for proteins fused to <i>Strep-tag</i> II. It is crucial that protein binding takes place on the column. Even a pre-incubation of resin and lysate prior to filling the resin into a column will lead to decreased protein yields. Batch purification should be performed using <i>One-STrEP-tag</i> only. Further, prolonged batch incubations increase the risk of proteolytic degradation of the target protein including cleavage of the tag.</p>
Support	Superflow 6 (6% agarose, crosslinked)
Form	50 % suspension in 100 mM Tris/HCl pH 8.0, 1 mM EDTA, 150 mM NaCl
Biotin binding activity	> 300 nmol/ml resin
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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