

Data Sheet

Strep-Tactin®XT 4Flow®

50% suspension

Cat. No.: 2-5010-002, 2-5010-010, 2-5010-025,
2-5010-500

Version: 1.0
Revision Date: 27.02.2020

Lot No.: 5010-

Description	Immobilized streptavidin variant called Strep-Tactin®XT (5 mg/ml resin) which has been especially optimized for the purification of Strep-tag®II and Twin-Strep-tag® fusion proteins.
Support	4% agarose, crosslinked
Form	50% suspension in buffer, pH 8.0: 100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 0.02% sodium azide
Dynamic binding capacity	7 mg protein/ml resin. Dynamic binding capacity was determined with 1 mg/ml mCherry-Twin-Strep-tag® (30 kDa) at a flow rate of 0.5 ml/min. Please note: binding capacity is protein dependent.
Stability	6 months after shipping
Storage	recommended: 2–8 °C
Shipping	room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Elution	Strep-Tactin®XT Elution Buffer with Biotin (10 x Buffer BXT, Cat. No. 2-1042-025); 1 x Buffer BXT: 100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 50 mM biotin
Regeneration	Regenerate the column by using Strep-Tactin®XT Regeneration Buffer (3 M MgCl ₂ , Cat. No. 2-1045-250)



Please download all up-to-date manuals, protocols and other material from
<http://www.iba-lifesciences.com>.

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