

## Data Sheet

### Gravity flow

## Strep-Tactin®XT 4Flow® Column

Cat. No.: 2-5011-001, 2-5011-005, 2-5012-001,  
2-5013-001, 2-5014-001

Version: 1.0  
Revision Date: 02.03.2020

Lot No.:

<b>Description</b>	Immobilized streptavidin variant called <b>Strep-Tactin®XT</b> (5 mg/ml resin) which has been especially optimized for the purification of Strep-tag®II and Twin-Strep-tag® fusion proteins.
<b>Support</b>	4% agarose, crosslinked
<b>Form</b>	Pre-packed in buffer: 100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 0.02% sodium azide
<b>Dynamic binding capacity</b>	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.
<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®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
<b>Regeneration</b>	Regenerate the column by using Strep-Tactin®XT Regeneration Buffer (3 M MgCl <sub>2</sub> , Cat. No. 2-1045-250).



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

#### For research use only

##### Important licensing information

This product is based on Strep-Tactin®XT technology covered by intellectual property (IP) rights and on completion of the sale IBA grants respective Limited Use Label Licenses to purchaser. IP rights and Limited Use Label Licenses for said technology are further described and identified at <http://www.iba-lifesciences.com/patents.html> or upon inquiry at [info@iba-lifesciences.com](mailto:info@iba-lifesciences.com) or at IBA GmbH, Rudolf-Wissell-Str. 28, 37079 Goettingen, Germany. By use of this product the purchaser accepts the terms and conditions of all applicable Limited Use Label Licenses.

##### Trademark information

The owners of trademarks marked by “®” or “TM” are identified at <http://www.iba-lifesciences.com/patents.html>. Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.