

# Strep-Tactin®XT 4Flow® high capacity FPLC column

Cat. No.: 2-5027-001, 2-5028-001

<b>Description</b>	<b>Strep-Tactin®XT 4Flow® high capacity FPLC columns contain a 4% agarose coupled with a higher density of the streptavidin variant Strep-Tactin®XT compared to Strep-Tactin®XT 4Flow® FPLC columns. The FPLC columns are applicable for purification of Strep-tag®II or Twin-Strep-tag® fusion proteins via chromatography workstations using 10-32 connections, syringes, or peristaltic pumps.</b>		
<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>Bead size</b>	50-150 µm, spherical		
<b>Binding capacity</b>	31 mg protein/ml resin Binding capacity was determined with a 50 kDa Twin-Strep-tag® fusion protein. Please note that the binding capacity is protein dependent.		
<b>Stability</b>	12 months after shipping		
<b>Storage</b>	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>Application</b>	The FPLC columns do not generate significant back pressure making the use of flow restrictors superfluous. Elution: 10x Buffer BXT (Cat. No. 2-1042-025, 1 M Tris/HCl pH 8.0, 1.5 M NaCl, 10 mM EDTA, 500 mM biotin) Regeneration: Buffer XT-R (Cat. No. 2-1045-250, 3 M MgCl <sub>2</sub> , ready-to-use) or 100 mM NaOH		
	FPLC column volume	Physical dimension	Flow rate
	1 ml (2-5027-001)	Inner diameter: 0.7 cm Height: 2.5 cm	0.5-1 ml/min
	5 ml (2-5028-001)	Inner diameter: 1.6 cm Height: 2.5 cm	1-3 ml/min
<b>Manufacturer</b>	IBA Lifesciences		

## For research use only

### Trademark information

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

### Important licensing information

This product is covered by intellectual property (IP) rights and on completion of the sale Cube Biotech 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.cube-biotech.com/information/patents> or upon inquiry at [contact@cube-biotech.com](mailto:contact@cube-biotech.com) or at Cube Biotech GmbH, Creative-Campus-Allee 12, D-40789 Monheim, Germany. By use of this product the purchaser accepts the terms and conditions of all applicable Limited Use Label Licenses.