



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Data Sheet

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

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

Version: 5.0
 Revision Date: 21.06.2024

Description	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.		
Support	4% agarose, crosslinked		
Form	Pre-packed in buffer (100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 0.02% sodium azide)		
Bead size	50-150 µm, spherical		
Binding capacity	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.		
Stability	6 months after shipping		
Storage	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.		
Application	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 ₂ , 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
Pressure stability			
Maximum 3.5 bar			

For research use only

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.

Important licensing information

This product is covered by intellectual property (IP) rights and on completion of the sale IBA Lifesciences 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 or at IBA Lifesciences 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.