

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

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

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, highly cross-linked														
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	12 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	<p>The FPLC columns do not generate significant back pressure making the use of flow restrictors superfluous.</p> <p>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)</p> <p>Regeneration: Buffer XT-R (Cat. No. 2-1045-250, 3 M MgCl₂, ready-to-use) or 100 mM NaOH</p> <table border="1" data-bbox="331 1406 1513 1615"> <thead> <tr> <th>FPLC column volume</th> <th>Physical dimension</th> <th>Flow rate</th> <th>Pressure stability</th> </tr> </thead> <tbody> <tr> <td>1 mL (2-5027-001)</td> <td>Inner diameter: 0.7 cm Height: 2.5 cm</td> <td>0.5-1 mL/min</td> <td>Maximum 3 bar</td> </tr> <tr> <td>5 mL (2-5028-001)</td> <td>Inner diameter: 1.6 cm Height: 2.5 cm</td> <td>1-3 mL/min</td> <td>Maximum 3 bar</td> </tr> </tbody> </table>			FPLC column volume	Physical dimension	Flow rate	Pressure stability	1 mL (2-5027-001)	Inner diameter: 0.7 cm Height: 2.5 cm	0.5-1 mL/min	Maximum 3 bar	5 mL (2-5028-001)	Inner diameter: 1.6 cm Height: 2.5 cm	1-3 mL/min	Maximum 3 bar
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Manufacturer	IBA Lifesciences														

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