

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, 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	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	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
Manufacturer	IBA Lifesciences		

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