

Data Sheet

Strep-Tactin® 4Flow® high capacity FPLC column

Cat. No.: 2-1257-001, 2-1258-001

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Description	Strep-Tactin® 4Flow® high capacity FPLC columns contain a 4% agarose coupled with a high density of the streptavidin variant Strep-Tactin®. 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	20 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 E (Cat. No. 2-1000-025, 1 M Tris/HCl pH 8.0, 1.5 M NaCl, 10 mM EDTA, 25 mM desthiobiotin). Regeneration: 100 mM NaOH			
	FPLC column volume	Physical dimension	Flow rate	Pressure stability
	1 ml (2-1257-001)	Inner diameter: 0.7 cm Height: 2.5 cm	0.5-1 ml/min	Maximum 3.5 bar
	5 ml (2-1258-001)	Inner diameter: 1.6 cm Height: 2.5 cm	1-3 ml/min	Maximum 3.5 bar

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