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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Data Sheet

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

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

Version: 1.0  
 Revision Date: 22.05.2024

<b>Description</b>	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.
<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>	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.
<b>Stability</b>	6 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 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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