

## Data Sheet

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

Cat. No.: 2-5031-001, 2-5031-005, 2-5032-001,  
 2-5033-001, 2-5034-001

Version: 4.0  
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<b>Description</b>	Strep-Tactin®XT 4Flow® high capacity columns contain a 4% agarose coupled with a higher density of the streptavidin variant Strep-Tactin®XT compared to Strep-Tactin®XT 4Flow® columns. The columns are applicable for purification of Strep-tag®II or Twin-Strep-tag® fusion proteins via gravity flow.
<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>	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.
<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>	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 <sub>2</sub> , ready-to-use) or 100 mM NaOH
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