

## Data Sheet

# Strep-Tactin® MacroPrep® resin 50% suspension

Cat. No.: 2-1505-010

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<b>Description</b>	<b>Immobilized streptavidin variant called Strep-Tactin® (5 mg/ml resin) which has been especially optimized for the purification of Strep-tag®II and Twin-Strep-tag® fusion proteins.</b>
<b>Support</b>	polymethacrylate
<b>Form</b>	50% suspension in buffer, pH 8.0 (100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 0.02% sodium azide)
<b>Bead size</b>	50 µm
<b>Binding capacity</b>	3 mg protein/ml resin Binding capacity was determined with a Strep-tag® protein (30 kDa). 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 suspension can be used for packing of gravity flow columns since the resin is optimized for column affinity chromatography, rather than for batch purification. To pack a column with 1 ml resin bed volume, 2 ml 50% suspension are necessary. 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: 10x Buffer R (Cat. No. 2-1002-100, 1 M Tris/HCl pH 8.0, 1.5 M NaCl, 10 mM EDTA, 10 mM HABA (2-[4'-hydroxy-benzeneazo]benzoic acid))
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