

Data Sheet

Strep-Tactin® Sepharose® resin 50% suspension

Cat. No.: 2-1201-002, 2-1201-010, 2-1201-025,
 2-1201-500

Version: 12.1
 Revision Date: 28.07.2021

Description	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.
Support	4% agarose, crosslinked
Form	50% suspension in buffer, pH 8.0 (100 mM Tris/HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 0.02% sodium azide)
Bead size	45-165 µm
Binding capacity	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.
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 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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