Strep-Tactin® 4Flow® high capacity resin

50% suspension

Cat. No.: 2-1250-002, 2-1250-010, 2-1250-025, 2-1250-500

Description	**Strep-Tactin® 4Flow® high capacity is a protein purification resin with a high density of immobilized Strep-Tactin®. Strep-Tactin® is a streptavidin variant with optimized binding properties for Twin-Strep-tag® and Strep-tag®II 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	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 suspension can be used for packing of gravity flow or FPLC columns. 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: 100 mM NaOH
Manufacturer	IBA Lifesciences

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