PureCube HiCap Strep-Tactin® FPLC column

Cat. No.: 34302, 34304, 34306, 34308

Description	**PureCube HiCap Strep-Tactin® FPLC columns are prepacked with PureCube HiCap Strep-Tactin® agarose. 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.**			
Support	4% agarose, highly cross-linked			
Form	Pre-packed in PBS (100 mM sodium phosphate, 150 mM NaCl, pH 7.2) with 0.02% sodium azide			
Bead size	50-150 µm, spherical			
Binding capacity	5 mg protein/ml resin. Binding capacity was determined with a 82.6 kDa CD56 antigen. Please note that the binding capacity is protein dependent.			
Compatible reagents	2% Tween 20, 0.5% IGEPAL® Ca-630/Nonidet P40, 1% Dodecyl-β-D-maltoside, 1 mM PMSF, 10% ethanol, 5 M NaCl, 2 M $(NH_4)_2SO_4$, 22% glycerol.			
Application	The PureCube FPLC column is compatible with almost all commonly used FPLC systems like ÄKTA™.			
	FPLC column volume	Physical dimension	Flow rate	Pressure stability
	1 ml (34302, 34304)	Inner diameter: 0.7 cm Height: 2.5 cm	1-3 ml/min (max. 6 ml/ml)	Maximum 3.5 bar
	5 ml (34306,34306)	Inner diameter: 1.6 cm Height: 2.5 cm	1-2 ml/min (max. 6 ml/ml)	Maximum 3.5 bar
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.			
Manufacturer	Cube Biotech			

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