

ZetaSep SP FF6

FPLC column packed with Strong Cation Exchange Agarose Resin.

A cross-linked 6 % beaded agarose IEX resin for protein purification.

Product Code	ZS-1208-M001.0
Quality Parameter	Specification
Packing evaluation asymmetry: (no double peak, no shoulder)	$0.7 \leq A_s \leq 1.9$
Asymmetry LOT homogeneity:	$CV \leq 8 \%$
Other Product Properties	
Application	ZetaSep SP FF6 1 mL FPLC column packed with cationic exchange resin for purification of biomolecules. Zetarose SP is a cross-linked agarose bead, derivatized with sulphopropyl (SP) strong cation ligand.
Base matrix material	~100 μm (mean bead diameter) cross-linked, beaded agarose.
Base column material	Polypropylene column housing, 20 μm polyethylene frits, 10/32 fittings
Recommended flow rate	0.5 - 2.0 mL/min (~75 - 300 cm/hr)
Maximum operating pressure	3 bar (0.3 MPa, 2.96 atm)
pH stability	2 – 14 (short term) 4 – 12 (long term)
Chemical stability	This column is generally tolerant of all commonly used aqueous solutions for protein purification. Avoid oxidizing agents, cationic detergents and buffers.
Quality parameter of the resin	Ion exchange capacity of 0.14 – 0.26 mmol H ⁺ / mL resin
Storage buffer	0.2 M sodium acetate in 20 % ethanol
Storage	+2 to +30 °C. DO NOT FREEZE!
Miscellaneous	---
Notice	The use of this product is strictly limited to trained personnel for professional manufacturing, laboratory, or research purposes. Final Fitness-For-Use must be determined by and is the sole responsibility of the end-user.