

ZetaSep Phenyl FF6

FPLC column packed with HIC resin, derivatized with phenyl ligand.

A cross-linked 6 % beaded agarose resin for hydrophobic interaction chromatography purification.

Product Code	ZS-1503-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	For hydrophobic interaction chromatography (HIC) purification. ZetaSep Phenyl FF6 is a FPLC column packed with 6 % cross-linked agarose beads, derivatized with phenyl ligand. The column can be used to purify proteins via their hydrophobic interaction with the aromatic phenyl group.
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) 3 – 12 (long term)
Chemical stability	This column is generally tolerant of all commonly used aqueous solutions for protein purification.
Quality parameter of the resin	Protein binding capacity ≥ 20 mg BSA / mL
Storage buffer	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.