

## HiFliQ Ni Advance FPLC Columns Datasheet

Fastback Ni Advance Resin designed for faster purification of secreted proteins using clarified culture media directly.

Available in 1 ml and 5 ml HiFliQ column sizes with high ligand density and high binding capacity. The Fastback Ni Advance resin resistant to EDTA (up to 20 mM) and DTT (up to 20 mM) for IMAC chromatography, simply load your culture media onto the column!



### Specification:

Item:	HiFliQ1 Ni Advance	HiFliQ5 Ni Advance
Column Volume:	1 ml	5 ml
Resin:	Chelating ligand	Chelating ligand
Typical Binding Capacity:	80 mg	400 mg
Base Matrix:	6% cross-linked Agarose	6% cross-linked Agarose
Mean Bead Size:	90 µm	90 µm
DTT stability (24 hours)	20 mM	20 mM
EDTA stability (24 hours)	20 mM	20 mM
Recommended flow rate:	1 ml/min	1-6 ml/min
Max. operating pressure:	0.5 MPa (72 psi)	0.5 MPa (72 psi)
External Dimensions:	15 mm D. x 80 mm H.	23 mm D. x 80 mm H.
Column Construction:	Polypropylene	Polypropylene
Inlet Port:	10-32 (1/16") Female	10-32 (1/16") Female
Outlet Port:	10-32 (1/16") Male	10-32 (1/16") Male
Storage (2-30°C):	20% ethanol	20% ethanol

### Ordering Information:

Product	Volume	Order Code
1 ml HiFliQ Ni Adv FPLC column (1 x 1 ml)	1 x 1ml	HiFliQ1-Ni-Adv-1
1 ml HiFliQ Ni Adv FPLC columns (5 x 1 ml)	5 x 1ml	HiFliQ1-Ni-Adv-5
5 ml HiFliQ Ni Adv FPLC column (1 x 5 ml)	1 x 5 ml	HiFliQ5-Ni-Adv-1
5 ml HiFliQ Ni Adv FPLC columns (5 x 5 ml)	5 x 5 ml	HiFliQ5-Ni-Adv-5

### Protein Ark Limited

Telephone +44 (0) 114 224 2257

Email: [info@proteinark.com](mailto:info@proteinark.com)