

Chelating Beads 6FF

Chelating Beads 6FF (Fast Flow) are based on a highly cross-linked 6% agarose gel matrix, and the ligand is iminodiacetic acid (IDA). Chelating Beads 6FF can be used to chelate various metal ions, such as Cu²⁺, Zn²⁺, Co²⁺, Ni²⁺ and Fe³⁺, which can be selected according to the binding ability of metal ions to tagged proteins. Metal ion. Ni²⁺ is usually preferred because the nickel ion chelating filler allows for one-step purification of his-tagged proteins from a variety of expression systems. Cu²⁺, Zn²⁺, with strong binding force, can be used to purify proteins with weak binding force. Co²⁺ and Fe³⁺ are more specific to tagged proteins and have higher purity.

Catalog No.	506142
Size	5mL / 25mL / 100mL
Product Category	Affinity Purification
Matrix	Highly Cross-Linked 6% Agarose
Binding Capacity	>30μmol Cu ²⁺ /mL medium
Bead Size	45-165um
Pressure/Flow	0.3 MPa, 3 bar
Storage Buffer	1x PBS containing 20% Ethanol
Storage/Stability	2-8°C/2 years
Shipping	Ambient