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### Product Specification

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Product Name: 3ml Empty Affinity Chromatography Column  
Product Code: SGA0003

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#### Product Description:

Affinity chromatography is a separation technique that relies on specific binding interactions between molecules. In this context, it involves the interaction between the target protein and an elution buffer. Typically, the target protein is labeled with "tags" that confer specific binding properties. A suitable ligand in the chromatography column binds to the tagged protein, which is subsequently eluted by the elution buffer.

The affinity chromatography column is designed for rapid and efficient purification. Made from biocompatible polypropylene, it does not interact with biomolecules, ensuring purity and integrity. This column is versatile, suitable for purifying tagged recombinant proteins and antibodies, desalting nucleic acids, peptides, and proteins, and detecting mycotoxins.

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