

Capto Octyl resin

Product Information

Cat#No# Ca-417C

Product Overview

Designed to enable high-throughput capture and intermediate purification steps for a wide range of biomolecules, Capto Octyl offers flexible process design options.

Characteristic

Designed to enable high-throughput capture and intermediate purification steps for a wide range of biomolecules, Capto Octyl offers flexible process design options.

Intermediate and capture purification resin based on Capto base matrix with a traditional octyl HIC ligand.

Flexible process design due to a large operational window of flow velocities and bed heights.

Excellent chemical stability.

Resin fulfills industrial demands for security of supply, robust performance, and regulatory support.

Maximum operating pressure

300 kPa at 600 cm/h, 1 m diameter column, 20 cm bed height

Matrix

High Flow Agarose

Average particle size

~75 µm

Ligand

Octyl

Ligand density

Approx. 5 µmol/ml drained medium

Coupling chemistry

Epoxy

Recommended flow rate

Capto Octyl resin

600 cm/h

Recommended column height

20 cm

Chemical stability

1 M NaOH, commonly used aqueous buffers.

pH working range

3–13

CIP stability

2–14

Shelf life

5 years

Storage

20% Ethanol at 4°C to 30°C

Pack size

25 mL

BioProcess resin

Yes

Dimensions

1 m
