Concanavalin A Coated Magnetic Particles, 1 µm
PRODUCT DATA SHEET

Concanavalin A Coated Magnetic Particles, 1 µm

Description

Canavalin A magnetic beads are made by covalently coupling high quality Concanavalin A (ConA) with superparamagnetic micron magnetic beads. In the presence of Ca^{2+} and Mn^{2+}, ConA has affinity for terminal α-D-mannosyl and α-D-glucosyl residues, and can bind to glycoproteins, glycolipids, polysaccharides and other molecules with glycosylation modification quickly, efficiently and specifically, which can be used to purify glycoproteins and capture cells or nuclei. Canavalin A beads can also be used in chromatin analysis experiments such as nuclease targeted cutting and release (CUT & RUN), targeted cutting, and cell capture and fixation in transferase techniques (CUT & Tag).

Abvigen offers high quality concanavalin A coated magnetic particles. The product has high repeatability between batches, which can meet the needs of various customers for personalized materials such as research and development, testing and production.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone: +1 929-202-3014 Email:** info@abvigenus.com

Characteristics

Type: Concanavalin A Coated Magnetic Particles, 1 µm

Particle size: About 1 µm

Concentration: 10 mg/mL

Surface potential: About -20 mV

ConA capacity: 90 µg / 1 mg magnetic bead

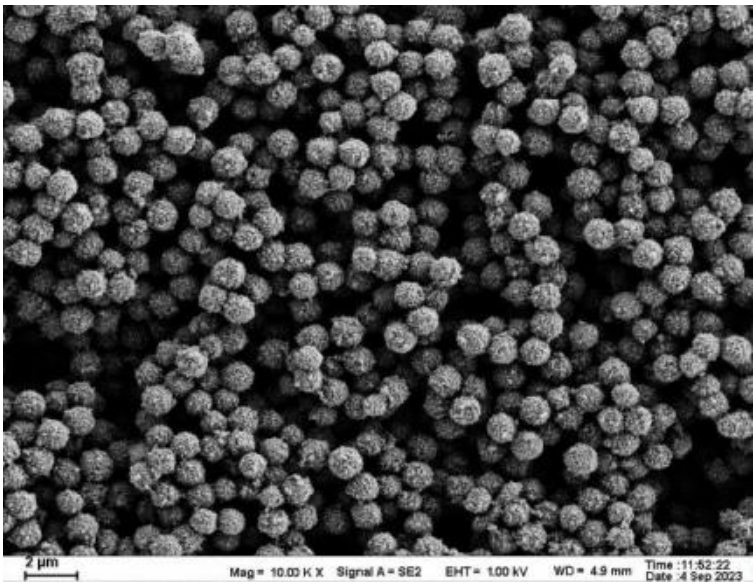
Size: 1/5/10 mL

Storage condition: Sealed, 4°C/24 months, do not freeze, thoroughly mix before use

Package: PP bottle

1378 US-206 Ste 6-126, Skillman, NJ USA
Email: info@abvigenus.com
Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

SEM of Concanavalin A Coated Magnetic Particles, 1 µm



Applications

Purify glycoproteins

Capture cells or nuclei

Nuclease targeted cutting and release (CUT & RUN)

Targeted cutting

Cell capture and fixation in transferase techniques (CUT & Tag)

Storage

Sealed, 4°C/24 months, do not freeze, thoroughly mix before use.

Notes

1. The magnetic bead should be fully mixed before use to prevent the concentration of the magnetic bead from changing and to avoid long-term ultrasonic damage to the surface of the magnetic bead;

2. Magnetic beads should be magnetically separated and cleaned 2-3 times with pure water or buffer solution before use;

3. The use and preservation of magnetic beads should avoid freezing and thawing.

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Ordering Information

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