

## Active CD33 protein-coupled magnetic Beads

**Cat. No.** CD33-5833M    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                                  |                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>                   | Human                                                                                                                                                               |
| <b>Source</b>                    | HEK293                                                                                                                                                              |
| <b>ProteinLength</b>             | Asp 18 - His 259                                                                                                                                                    |
| <b>Appearance</b>                | Powder mixture                                                                                                                                                      |
| <b>Particle size</b>             | 2 µm                                                                                                                                                                |
| <b>Bio-activity</b>              | Immobilized 53.7 µg CD33 protein to 1 mg Beads, can bind the Anti-CD33 Antibody with an EC50 of 0.7794 µg/mL.                                                       |
| <b>Coupled amount of protein</b> | ≈1827 pmol (53.7 µg) CD33/mg Beads                                                                                                                                  |
| <b>Capacity</b>                  | >267 pmol (40 µg) antibody/mg beads                                                                                                                                 |
| <b>Formulation</b>               | PBS, pH7.4, with 10% Trehalose                                                                                                                                      |
| <b>Reconstitution</b>            | 2 mL sterile deionized water (1 mg beads/mL)                                                                                                                        |
| <b>Background</b>                | The biotinylated CD33 protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the anti-CD33 antibody from various |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

assay systems. The beads are in uniform size, narrow size distribution with large surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This CD33 coupled magnetic beads will bring great convenience with minimum non-specific binding and developed protocols. This ready-to-use product could greatly save your time and hassle.

**Application**

This product is intended for immunocapture, biopanning and flow cytometry. This product is produced non-sterile.

**Storage**

Upon receipt, please store the Beads at -20°C for 1 year in lyophilized state.

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