

# Active CD38 protein-coupled magnetic Beads

**Cat. No.** CD38-4314M    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                                  |                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>                   | Human                                                                                                                                                               |
| <b>Source</b>                    | HEK293                                                                                                                                                              |
| <b>ProteinLength</b>             | Val 43 - Ile 300                                                                                                                                                    |
| <b>Appearance</b>                | Powder mixture                                                                                                                                                      |
| <b>Particle size</b>             | 2 µm                                                                                                                                                                |
| <b>Bio-activity</b>              | Immobilized 26.6 µg CD38 protein to 1 mg Beads, can bind the Anti-CD38 Antibody with an EC50 of 0.9196 µg/mL.                                                       |
| <b>Coupled amount of protein</b> | ≈818 pmol (26.6 µg) CD38/mg Beads                                                                                                                                   |
| <b>Capacity</b>                  | >133 pmol (20 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 CD38 protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the anti-CD38 antibody from various |

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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 CD38 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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