

## Active EGFR protein-coupled magnetic Beads

**Cat. No.** EGFR-4593M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	25-645 aa
<b>Appearance</b>	Powder mixture
<b>Particle size</b>	2 µm
<b>Bio-activity</b>	Immobilized 35 µg EGFR protein to 1 mg Beads, can bind the Anti-EGFR Antibody (Cetuximab) with an EC50 of 0.737 µg/mL.
<b>Coupled amount of protein</b>	≈484 pmol (35 µg) EGFR/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 EGFR protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the anti-EGFR antibody from various assay systems. The beads are in uniform size, narrow size distribution with large

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surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This EGFR 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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