

Active ACE2 protein-coupled magnetic Beads

Cat. No. ACE2-2012M Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
ProteinLength	Gln 18 - Ser 740
Appearance	Powder mixture
Particle size	2 µm
Bio-activity	Immobilized 15 µg ACE2 protein to 1 mg Beads, can bind the SARS-CoV-2 S1 protein, Fc Tag with an EC50 of 1.402 µg/mL.
Coupled amount of protein	≈172 pmol (15 µg) ACE2/mg Beads
Capacity	>20 µg Spike S1/mg beads; >20 µg Spike RBD/mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	The biotinylated ACE2 protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the SARS-CoV-2 S1 protein/SARS-CoV-2 S protein RBD from various assay systems. The beads are in uniform size,

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narrow size distribution with large surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This Human ACE2 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. The shelf life is 1 year at -20 °C.

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