

Active PLAUR protein-coupled magnetic Beads

Cat. No. PLAUR-342M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Appearance	Powder mixture
Particle size	2 μ m
Bio-activity	Immobilized 48.8 μ g Biotinylated Human uPAR protein to 1mg Beads can bind the Anti-uPAR Antibody with an EC50 0.52 μ g/mL.
Coupled amount of protein	$\approx$ 1371pmol(48 μ g) uPAR protein/mg beads
Capacity	>277pmol (20 μ g) Anti-uPAR Ab/mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	Tumors are the result of uncontrolled proliferation of cells in different organs. Tumor development is a multistage process, that includes the generation of primary tumors, separation of tumors from primary sites, degradation of extracellular matrix (ECM), and distant metastasis of tumors. A variety of genes play important roles in the

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development of tumors, including the cell surface receptor urokinase-type plasminogen activator receptor (uPAR). uPAR is highly expressed in a variety of tumor cells, and a variety of signals regulated by uPAR play significant roles in tumor cell proliferation and metastasis, tumor-related glycolysis, the tumor microenvironment and angiogenesis. Studies have found that some specific drugs and antibodies have unique inhibitory effects on uPAR.

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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