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# Streptavidin Magnetic Polymer Resin

Cat. # P3075-1, P3075-5

**Introduction:** Streptavidin magnetic resins contain recombinant full-length streptavidin protein covalently coupled on non-porous magnetic polymer resins. The resin can be used for purification of biotinylated proteins or nucleic acids in cell culture or tissue extracts, studying protein-protein interactions, isolation of cell surface biotinylated cells, etc.

Comparing to agarose-based resins, non-porous magnetic polymer resins have much less non-specific binding, and suitable for rapid isolation and elution using a magnetic stand. See User's Mannual (available on the product page of our website www.ubpbio.com) for protocols.

**Packing Size:** 1ml (Cat.# P3075-1), 5 ml (Cat.# P3075-5)

**Resin Material:** Non-porous superparamagnetic polymer.

**Resin Size:** ~1 µm

**Resin Concentration:** 10 mg/mL

**Ligand:** Recombinant streptavidin protein, covalently coupled on resins.

**Binding Capacity:** ~3 nmol D-biotin per mg resin, i.e., ~3 nmol D-biotin per 100 µL supplied resin (total resin volume including buffer).

**Storage Buffer:** 1X PBS, 0.01% Tween-20, 0.02% Sodium azide ($NaN_3$).

**Storage Temperature:** Store at 4 °C upon receiving.

**Application:** Purification of biotinylated proteins or nucleic acids, protein-protein interactions, cell isolation etc.

**Note:** Gently shake to resuspend the resins well before each use. Users can use the resin concentration (10 mg/ml) and binding capacity (3 nmol biotin per mg resin) to calculate the amount of resins to be used in your experiments.