Data Sheet (Cat.No.C0071)

TargetMol

Mag Beads COOH (1 μm)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance:

Storage: store at 4°C

Biological Description

Description	TargetMol Mag Beads COOH (1 μm) are high quality micron-scale Fe3O4 microspheres coated with carboxyl groups (-COOH), which can be covalently coupled to peptides, proteins, oligonucleotides, and other biological ligands to the surface of the microspheres rapidly, efficiently, sensitively, and specifically under the action of special reagents (e.g., EDC). They can be used for immunoprecipitation (IP), cell sorting, DNA-protein interactions, etc., and are important carriers for medical and molecular biology research. TargetMol Mag Beads COOH (1 μm) have a shell structure encapsulated with carboxyl functional groups to reduce aggregation and precipitation of the beads themselves. Carboxy beads are acidic and are usually activated with EDC in acidic buffer. This carboxy bead series is an aqueous suspension of carboxy-coated superparamagnetic ferric oxide microspheres, which is a new type of functionalized magnetic microspheres using advanced technology that perfectly combines magnetic beads with polymer materials.

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