



Magrose Magnetic Particles-COOH

PRODUCT DATA SHEET

Magrose Magnetic Particles-COOH

Description

Magrose Magnetic Particles-COOH exhibits superparamagnetism, rapid magnetic responsiveness, and monodispersity. Under the action of special chemical reagents such as EDC, biological ligands such as peptides, proteins, and oligonucleotides can be covalently coupled to the surface of magnetic beads. Magrose Magnetic Particles-COOH can be used for protein separation and purification, especially for proteins containing primary amine groups, achieving efficient and specific purification. In immune detection, Magrose Magnetic Particles-COOH can capture and detect target molecules in the test substance. Due to its various excellent properties, Magrose Magnetic Particles-COOH is widely used as an important carrier tool and purification raw material in medical and molecular biology research.

Abvigen Inc can provide high-quality Magrose Magnetic Particles-COOH in various particle sizes (10 um - 150 um) to meet the personalized material needs of various customers in research and development, testing, production, and consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com



Characteristics

Type: Magrose Magnetic Particles

Diameter: 10 μ m - 150 μ m

Concentration: 20 mg/ml

Surface: Carboxyl

Size: 5 ml or other size

Buffer: DI water, 0.05% NaN₃, 0.01% tween 20

Shelf life: 12 months

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

For 20 mg/ml of Magrose Magnetic Particles-COOH

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
10 μ m	20	1.74E+06	3.47E+07	150 μ m	20	5.14E+02	1.03E+04
30 μ m	20	6.43E+04	1.29E+06				

Advantages

Short magnetic response time

Uniform particle size

Stable performance

Good operational performance

Uniform dispersion of magnetic beads

Applications

Biological ligand fixation

Catalyzer

Protein purification

Nucleic acid extraction

Magnetic resonance imaging

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Reserved

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Ordering Information

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