



Magrose Magnetic Particles-NH2

PRODUCT DATA SHEET

Magrose Magnetic Particles-NH2

Description

Magrose Magnetic Particles-NH2 is a novel functionalized magnetic bead characterized by superparamagnetism, rapid magnetic responsiveness, monodispersity, and submicron particle size. Compared with traditional magnetic powders, Magrose Magnetic Particles-NH2 has faster magnetic responsiveness, as well as good dispersibility, extremely low non-specific adsorption, and richer binding sites. It can conveniently and effectively covalently couple biological ligands such as peptides, proteins, and oligonucleotides to the surface of magnetic beads under the action of special chemical reagents (such as glutaraldehyde), and is an important carrier tool in medical and molecular biology research.

Abvigen Inc can provide customers with high-quality Magrose Magnetic Particles-NH2 in various particle sizes (10 um - 150 um) to meet their personalized material needs 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: Amino

Size: 5 ml or other size

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

Shelf life: 12 months

Concentration: 10 mg/ml

Storage

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

For 20 mg/ml of Magrose Magnetic Particles-NH₂

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

Superparamagnetism

Good operational performance

Short magnetic response time

Uniform particle size

Stable performance

Uniform dispersion of magnetic beads

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Reserved

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Applications

Magnetic resonance imaging

Chemical catalyst

Biological ligand

Magnetic sensor

Targeted therapy

Biological ligand fixation

Ordering Information

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