



PRODUCT DATA SHEET

PEG-NH2 PS Magnetic Particles

Description

Abvigen's PEG-NH2 PS Magnetic Particles are designed with PEG-NH2 groups in the whole size range of 2 μm to 12 μm . The particles are stable in aqueous media and to some extent in DMSO. They are supplied in water without any surfactants. Thus the particles can be directly applied for the covalent binding of proteins, antibodies or other target molecules, e.g. after carbodiimide activation of the COOH groups.

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

Diameter: 2 μm -12 μm

Size: 10 ml

Concentration: 50 mg/ml

Composition: PS Magnetic Particle

Shape: Spherical

Functional Group: PEG-NH2

Density: 1.1 g/ccm

Buffer: DI Water

Form: Suspension

Colour: dark brown

Highlights

Narrow size distribution

High colloidal stability

Low non-specific binding

Easy conjugation

Storage

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This product should be stored at 2-8 degree. **DO NOT FREEZE.**

For 10 mg/ml of PEG-NH2 PS Magnetic Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
1 um	50	1.59E+09	7.96E+10	7 um	50	4.64E+06	2.32E+08
2 um	50	1.99E+08	9.95E+09	8 um	50	3.11E+06	1.55E+08
3 um	50	5.89E+07	2.95E+09	9 um	50	2.18E+06	1.09E+08
4 um	50	2.49E+07	1.24E+09	10 um	50	1.59E+06	7.96E+07
5 um	50	1.27E+07	6.37E+08	11 um	50	1.20E+06	5.98E+07
6 um	50	7.37E+06	3.68E+08	12 um	50	9.21E+05	4.61E+07

Ordering Information

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