

# Carboxyl Iron Oxide Nanoparticles SHP

产品名称	Carboxyl Iron Oxide Nanoparticles SHP
公司名称	长沙巴溪仪器有限公司
价格	3000.00/瓶
规格参数	SHP05:100 SHP15:100 SHP30:100
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## 产品详情

羧基氧化铁纳米颗粒

## Carboxyl Iron Oxide Nanoparticles

Ocean NanoTech's Carboxyl Iron Oxide Nanoparticles are superparamagnetic particles with excellent colloidal stability and biocompatible coating for biomedical applications including: in-vivo magnetic resonance imaging (MRI), magnetic particles imaging (MPI), magnetic sensing for in-vitro diagnostics, small molecular drug delivery, immunotherapy, hyperthermia, adjuvant for vaccine, etc. These particles are nanosized (5-30 nm) iron oxide nanoparticles with carboxylic acid groups. Oligonucleotides, antibodies, or other ligands with amine groups can be easily coupled to the nanoparticles. Activation through EDC is required. With excellent colloidal stability and unique surface coating, the carboxyl magnetic nanoparticles exhibit good binding capacity and low non-specific binding of protein or nucleic acids.

Ocean NanoTech's Carboxyl Iron Oxide Nanoparticles are also available in an easy-to-use kit format to make it easier for researchers to conjugate antibodies, proteins, peptides or other biomolecules of their own choice to these magnetic iron oxide nanoparticles. The kit contains sufficient reagents and components for performing 5 conjugation reactions using 1 mg magnetic iron oxide nanoparticles per reaction. Briefly, the magnetic iron oxide nanoparticles are conjugated to amine groups that are present on the target protein/ligand using carbodiimide. Please visit [Carboxyl Iron Oxide Nanoparticles Conjugation Kit](#) for more details.

Features:

Narrow size distribution

High colloidal stability

Low non-specific binding

Easy conjugation

Easy purification with magnetic column developed by Ocean NanoTech

Applications:

In-vivo magnetic resonance imaging (MRI)

Magnetic particles imaging (MPI),

Magnetic sensing for in-vitro diagnostics

Small molecular drug delivery

Immunotherapy

Hyperthermia

Adjuvant for vaccine

[1](#)

Product ID	Product Name	Pricing	Combo
			SHP05
			SHP10
			SHP15
			SHP20

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SHP25

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SHP30

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[Overview](#)

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Zeta potential: from -30 mV to -45 mV

Concentration: 5 mg/mL

Storage buffer: DI water

Size offered: 5 nm, 10 nm, 15 nm, 20 nm, 25 nm and 30 nm.

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Product Name Carboxyl Iron Oxide Nanoparticles

Shipping Condition Ambient Temperature

Storage and Stability 2-8 ° C

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