

TECHNICAL DATA SHEET



Enriching Biotechnology

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Product code:	ST01
Product name:	MPS100/Streptavidin C1
Ligand	Streptavidin
Surface:	Hydrophilic polymer coating
Average Size:	1µm
Density:	1.5 g/cm ³
Matrix:	Polystyrene
Solid content:	10mg/mL
Shape:	Spherical
Saturation magnetization:	>20emu/g
Magnetic property:	Superparamagnetic
Magnetic substance content:	25%
Stable in:	Aqueous buffers, pH 4~10,
Not Stable in:	Aqueous buffers, pH <3 or pH >12
Product form:	Suspension in PBS, pH 7.4, 0.1%BSA,0.02%NaN ₃
Sedimentation Rate:	<0.005mm/min
Colour:	Brown
Additional remarks:	Storage at 2~8 °C. Do not freeze !
Expiry Date	Two years after production date
Binding capacity for Biotin:	>1800pmol/mg
Technotes:	Low sedimentation, binding biotin-conjugated molecules such as antibodies or DNA primers
Application:	Immunoassay, Preparation of single-stranded DNA, Biopanning, Sample preparation of proteins for mass Spectrometry, cell isolation