

## TECHNICAL DATA SHEET



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<b>Product code:</b>	D30
<b>Product name:</b>	MPS100/Oligo dT
<b>Magnetic material:</b>	Ferroferric oxide
<b>Matrix:</b>	Polystyrene
<b>Surface:</b>	Oligo dT(25)
<b>Particle Size:</b>	1µm
<b>Shape:</b>	Spherical
<b>Magnetic property:</b>	Superparamagnetic
<b>Magnetic substance content:</b>	~30%
<b>Stable in:</b>	Aqueous buffers, pH 4~11, 3M GTC
<b>Not Stable in:</b>	Aqueous buffers, pH <4
<b>Colour:</b>	Brown
<b>Additional remarks:</b>	Storage at 2~8°C. Do not freeze !
<b>Expiry Date</b>	Two years after production date
<b>Application:</b>	mRNA isolation
<b>mRNA binding capacity:</b>	2~3µg mRNA per mg of particles
<b>Technotes:</b>	Low sedimentation