

TECHNICAL DATA SHEET



Enriching Biotechnology

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Product code:	P41
Product name:	MAG25K/NTA Ni
Surface:	NTA- Ni ²⁺
Average Size:	25µm
Matrix:	Cross-linked agarose
Shape:	Spherical
Magnetic property:	Superparamagnetic
Saturation magnetization:	>65emu/g
Magnetic separation speed:	< 20s
Stable in:	Aqueous buffers
Not Stable in:	EDTA, DTT et al reducing solvent
Solid content:	10% (v/v) medium slurry
Product form:	Suspension in 20% ethanol
Surface functional group density:	60~80 µmol/mL (100% v/v)
Colour:	Dark
Additional remarks:	Storage at 2~8 °C. Do not freeze !
Expiry Date	Two years after production date
Protein binding capacity:	~20mg protein/mL beads(100%,v/v)
Application:	Purification of his-tag protein(soluble protein or inclusion body) expressed by prokaryotic cells
Technotes:	His-tag protein isolation & pull down