

His60 Ni Magnetic Beads

Catalog No(s).	Amount	Lot Number
635692	10 ml	Specified on product label.
635693	1 ml	

Description

His60 Ni Magnetic Beads provide the selective chemistry of His60 Ni immobilized metal affinity chromatography (IMAC) resin in a magnetic bead format. The beads are designed for the microscale purification of high and low molecular weight recombinant his-tagged proteins under native or denaturing conditions, when placed on a magnetic separator.

Package Contents

Cat. No. 635692

- 10 ml His60 Ni Magnetic Beads

Cat. No. 635693

- 1 ml His60 Ni Magnetic Beads

Storage Conditions

- Store at 4°C

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

- Nonbuffered 20% ethanol.

Shipping Conditions

- Room temperature

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- His60 Ni Magnetic Beads Protocol-At-A-Glance
- xTractor™ Buffer & xTractor Buffer Kit User Manual

Clontech Laboratories, Inc.

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Quality Control Data

Metal loading analysis

Each lot of His60 Ni Magnetic Beads is guaranteed to have a divalent metal loading capacity of $>20 \mu\text{mol/g}$ of beads. The amount of bound metal is determined by atomic spectroscopy.

Functional test

His60 Ni Magnetic Beads were functionally tested using his-tagged AcGFP1. A 200 μl aliquot of a 5% suspension of His60 Ni Magnetic Beads was saturated with a bacterial his-tagged AcGFP1 lysate in xTractor Buffer (pH 7.2). The beads were washed three times with 0.5 ml of equilibration buffer. Bound protein was eluted with elution buffer. A sample of eluant was analyzed by electrophoresis to verify the purity of the eluted protein.

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635692, 635693

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