

His60 Ni Superflow Resin

Catalog Nos.	Amount	Lot Number
635659	10 ml	Specified on product label.
635660	25 ml	
635662	250 ml	

Description

A high-capacity immobilized metal affinity chromatography resin for the efficient purification of recombinant his-tagged proteins under native or denaturing conditions.

Package Contents

Cat. No. 635659

- 10 ml His60 Ni Superflow Resin

Cat. No. 635660

- 25 ml His60 Ni Superflow Resin

Cat. No. 635662

- 250 ml His60 Ni Superflow Resin

Storage Conditions

- Store all components at 4°C.

Shelf Life

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

Appearance

- Physical state: liquid
- Appearance: slurry
- Color: blue
- Odor: alcohol
- Odor threshold: no information available

Storage Buffer

- Nonbuffered 20% ethanol

Shipping Conditions

- Room temperature

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. Nos. 635659, 635660 & 635662

His60 Ni Superflow Resin

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- His60 Ni Superflow Resin & Gravity Column User Manual

Quality Control Data

Metal loading analysis

Each lot of His60 Ni Superflow Resin is guaranteed to have a nickel metal loading of ≥ 25 $\mu\text{mol/ml}$ of bed volume. The amount of bound nickel is determined by atomic spectroscopy.

Functional test

The His60 Ni Superflow Resin was functionally tested using his-tagged GFPuv and the His60 Ni Buffer Set. One ml of His60 Ni Superflow Resin was saturated with a bacterial his-tagged GFPuv lysate. The resin was washed two times with 5 ml of His60 Ni Equilibration Buffer (pH 7.4) and then two times with 5 ml of Wash Buffer (pH 7.4). Bound protein was eluted three times with 1 ml of His60 Ni Elution Buffer (pH 7.4). All eluted fractions were analyzed by electrophoresis on a 12% SDS polyacrylamide gel to verify the purity of the eluted protein. A strong his-tagged GFPuv protein band was evident in at least one elution lane.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

His60 Ni Superflow Resin

CATALOG NOS.

635659, 635660 & 635662

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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