

## His60 Ni Gravity Columns

**Catalog No.**  
635657

**Amount**  
5 columns

**Lot Number**  
Specified on product label.

### Description

Each prepacked His60 Ni Gravity Column contains 1 ml of His60 Ni Superflow Resin, a high-capacity resin for the purification of recombinant his-tagged proteins. Suitable for gravity-flow purification under native or denaturing conditions, each column can be reused four times to purify different preparations of the same protein.

### Package Contents

- 5 each His60 Ni Gravity Columns (1 ml each)

### Storage Conditions

- Store at 4°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Room temperature

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://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 Gravity Ni Gravity Columns is guaranteed to have a nickel metal loading of  $\geq 25$   $\mu\text{mol/ml}$  of bed volume. The amount of bound nickel is determined by atomic spectroscopy.

#### Functional test

The His60 Ni Superflow Resin in the His60 Ni Gravity Columns was functionally tested using his-tagged GFPuv and the His60 Ni Buffer Kit (Cat. No. 635665). One ml of His60 Ni Superflow Resin was saturated with a bacterial his-tagged GFPuv lysate in xTractor™ Buffer. 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 lane containing eluted sample.

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

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#### Takara Bio USA, Inc.

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