

His60 Ni Superflow Cartridges

Catalog No.
635675

Amount
5 x 1 ml cartridges

Lot Number
Specified on product label.

Description

Prepacked cartridges, each containing 1 ml of His60 Ni Superflow Resin, for the purification of recombinant his-tagged proteins. The cartridges are suitable for automated purification using medium-pressure systems such as ÄKTA FPLC or manual, syringe-based purification. Proteins can be purified under native or denaturing conditions. Each column can be reused up to 5 times to purify different preparations of the same protein.

Package Contents

- 5 His60 Ni Superflow Cartridges (1 ml each)
- 5 Top Caps
- 5 Snap-off End Caps

Storage Conditions

- Store at 4°C.

Expiration Date

- Specified on product label.

Storage Buffer

- Nonbuffered 20% ethanol

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- His60 Ni Superflow Cartridges User Manual

Quality Control Data

Metal loading analysis:

Each lot of His60 Ni Superflow Cartridges 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 in the His60 Ni Superflow Cartridges was functionally tested using his-tagged GFPuv and the His60 Ni Buffer Set (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)

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada
800.662.2566
(070524)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

Certificate of Analysis

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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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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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U.S. Technical Support: technical_support@takarabio.com

United States/Canada

Asia Pacific

Europe

Japan

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