

## Capturem™ His-Tagged Purification Large Volume

**Catalog No.**  
635724

**Amount**  
4 units

**Lot Number**  
Specified on product label.

### Description

Capturem His-Tagged Purification Large Volume consists of single-use disposable bottle-top membrane units for simple, vacuum-based rapid purification of his-tagged proteins at room temperature in up to 500 ml of clarified lysate. The Capturem His-Tagged Purification Large Volume bottle-top units are suitable for use under native or denaturing conditions, and in the presence of additives such as DTT (up to 10 mM),  $\beta$ ME (up to 30 mM), TCEP (up to 5 mM), EDTA (up to 10 mM), or glycerol.

### Package Contents

- 4 Capturem His-Tagged Purification Large Volume Units (2 units/box)
- 1 Bottle Thread Adaptor

### Storage Conditions

- Store at room temperature.

### Shelf Life

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

### 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:

- Capturem His-Tagged Purification Large Volume Protocol-At-A-Glance

### Quality Control Data

#### Functional Test

The Capturem His-Tagged Purification Large Volume bottle-top units were tested using his-tagged GFPuv lysates and the buffers included in the His-Tagged Purification Maxiprep Kit (Cat. No. 635713). A Capturem His-Tagged Purification Large Volume Unit was equilibrated by adding 20 ml of xTractor™ Buffer to the filtration unit and applying a vacuum to remove the buffer. Then 50 ml of clarified lysate (prepared according to the xTractor Buffer & xTractor Buffer Kit User Manual) was loaded onto a Capturem His-Tagged Purification Large Volume Unit, and a vacuum was applied to pass the lysate through the unit. The bound protein was then washed with 30 ml of Wash Buffer, and eluted with 5 ml of Elution Buffer. The eluted fraction was analyzed by electrophoresis on a 4–20% SDS polyacrylamide gel to verify the purity of the eluted protein. The expected ~29-kDa band (corresponding to his-tagged GFPuv) was observed.

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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### CATALOG NO.

635724

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